FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the AVENSIS/ CORONA.

Applicable models: ST220 Series
AT220, 221 Series
CT220 Series

For service specifications and repair procedures of the above models other than those listed in this manual, refer to the following manuals;

Manual Name	Pub. No.
● AVENSIS/CORONA Chassis and Body Repair Manual	RM599E
● 3S-FE Engine Repair Manual Supplement	RM609E
● 4A-F, FE/7A-FE Engine Repair Manual Supplement	RM611E
● 2C-TE Engine Repair Manual Supplement	RM612E
● AVENSIS/CORONA New Car Features	NCF145E

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

TOYOTA MOTOR CORPORATION

NOTICE

When handling supplemental restraint system components (removal, installation or inspection, etc.), always follow the direction given in the repair manuals listed above to prevent accidents and supplemental restraint system malfunction.

AVENSIS/CORONA ELECTRICAL WIRING DIAGRAM

(English)	Section No.	Page
INTRODUCTION	A	2
HOW TO USE THIS MANUAL	B	3
TROUBLESHOOTING	C	10
ABBREVIATIONS	D	15
GLOSSARY OF TERMS AND SYMBOLS	E	16
RELAY LOCATIONS	F	50
ELECTRICAL WIRING ROUTING	G	66
POWER SOURCE(Current Flow Chart)	H	142
SYSTEM CIRCUITS	I	152
GROUND POINTS	J	438
OVERALL ELECTRICAL WIRING DIAGRAM	K	454

English | Français | Español

SCHEMA DE CABLAGE ELECTRIQUE DE LA AVENSIS/CORONA

(Français)	*N° de section*	*Page*
INTRODUCTION	*A*	*18*
COMMENT UTILISER CE MANUEL	*B*	*19*
DEPANNAGE	*C*	*26*
ABREVIATIONS	*D*	*31*
GLOSSAIRE DES TERMES ET SYMBOLES	*E*	*32*
EMPLACEMENTS DES RELAIS	*F*	*50*
ACHEMINEMENT DES FILS ELECTRIQUES	*G*	*66*
SOURCE D'ALIMENTATION(Schéma de Courant)	*H*	*142*
CIRCUITS DU SYSTEME	*I*	*154*
POINTS DE MISE A LA TERRE	*J*	*438*
SCHEMA GENERAL DE CABLAGE ELECTRIQUE	*K*	*456*

AVENSIS/CORONA DIAGRAMA DEL CABLEADO ELECTRICO

(Español)	*Sección N°*	*Página*
INTRODUCCION	*A*	*34*
COMO UTILIZAR ESTE MANUAL	*B*	*35*
LOCALIZACION DE AVERIAS	*C*	*42*
ABREVIATURAS	*D*	*47*
GLOSARIO DE TERMINOS Y SIMBOLOS	*E*	*48*
UBICACION DE LOS RELES	*F*	*50*
RECORRIDO DE LOS CABLES ELECTRICOS	*G*	*66*
FUENTE DE ALIMENTACION(Cuadro de flujo de corriente)	*H*	*142*
CIRCUITOS DE SISTEMAS	*I*	*156*
PUNTOS DE CONEXION A MASA	*J*	*438*
DIAGRAMA DE CONEXIONES ELECTRICAS GENERAL	*K*	*458*

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A INTRODUCTION

This manual consists of the following 11 sections:

No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	TROUBLE-SHOOTING	Describes the basic inspection procedures for electrical circuits.
D	ABBREVIATIONS	Defines the abbreviations used in this manual.
E	GLOSSARY OF TERMS AND SYMBOLS	Defines the symbols and functions of major parts.
F	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the system circuit.
G	ELECTRICAL WIRING ROUTING	Describes position of Parts Connectors, Splice points, Ground points, etc. This section is closely related to the system circuit.
H	POWER SOURCE (Current Flow Chart)	Describes power distribution from the power supply to various electrical loads.
I	INDEX	Index of the system circuits.
	SYSTEM CIRCUITS	Electrical circuits of each system are shown from the power supply through ground points. Wiring connections and their positions are shown and classified by code according to the connection method. (Refer to the section, "How to use this manual"). The "System Outline" and "Service Hints" useful for troubleshooting are also contained in this section.
J	GROUND POINTS	Shows ground positions of all parts described in this manual.
K	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections.

English

This manual provides information on the electrical circuits installed on vehicles by dividing them into a circuit for each system.

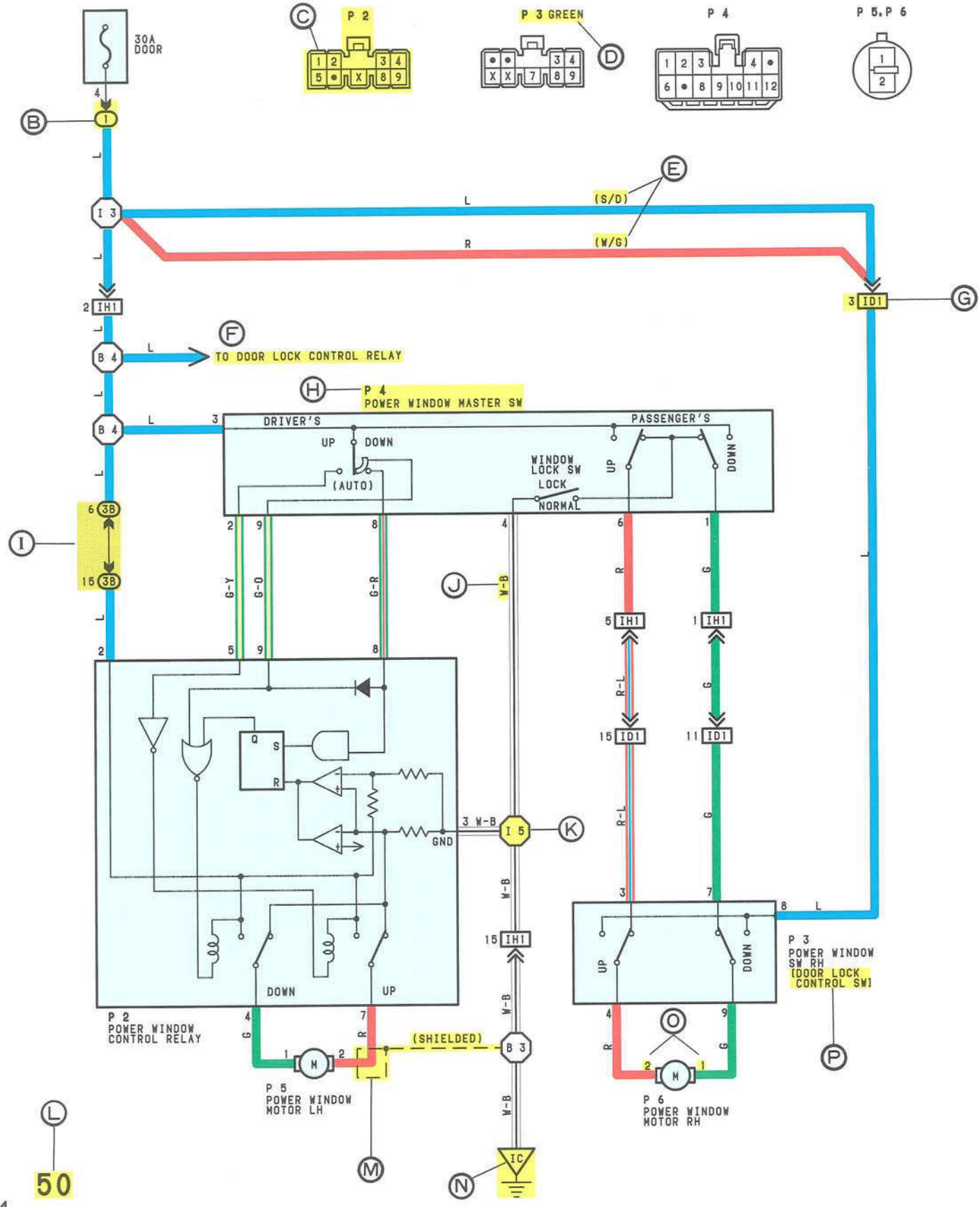
The actual wiring of each system circuit is shown from the point where the power source is received from the battery as far as each ground point. (All circuit diagrams are shown with the switches in the OFF position.)

When troubleshooting any problem, first understand the operation of the circuit where the problem was detected (see System Circuit section), the power source supplying power to that circuit (see Power Source section), and the ground points (see Ground Points section). See the System Outline to understand the circuit operation.

When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wiring Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors, splice points, and ground points of each system circuit. Internal wiring for each junction block is also provided for better understanding of connection within a junction block.
Wiring related to each system is indicated in each system circuit by arrows (from__, to__). When overall connections are required, see the Overall Electrical Wiring Diagram at the end of this manual.

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

POWER WINDOW



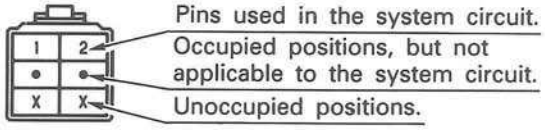
Ⓐ: System Title

Ⓑ: Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: ① Indicates Relay Block No. 1.

Ⓒ: Indicates the connector to be connected to a part (the numeral indicates the pin No.)

Explanation of pin use.



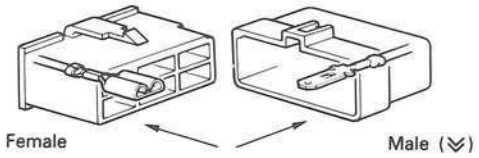
The pins shown are only for the highest grade, or only include those in the specification.

Ⓓ: Connector Color
Connectors not indicated are milky white in color.

Ⓔ: ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

Ⓕ: Indicates related system.

Ⓖ: Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (≫). Outside numerals are pin numbers.



The first letter of the code for each wiring harness and wiring harness connector(s) indicates the component's location, e.g, "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

When more than one code has the first and second letters in common, followed by numbers (e.g, IH1, IH2), this indicates the same type of wiring harness and wiring harness connector.

Ⓗ: Represents a part (all parts are shown in sky blue). The code is the same as the code used in parts position.

Ⓘ: Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



3B indicates that it is inside Junction Block No. 3.

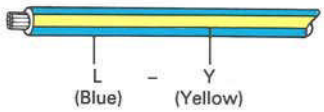
Ⓙ: Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B	= Black	L	= Blue	R	= Red
BR	= Brown	LG	= Light Green	V	= Violet
G	= Green	O	= Orange	W	= White
GR	= Gray	P	= Pink	Y	= Yellow

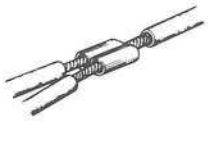
The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

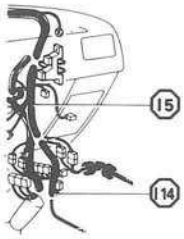
Example: L – Y



Ⓚ: Indicates a wiring Splice Point (Codes are "E" for the Engine Room, "I" for the Instrument Panel, and "B" for the Body).

Example:





The Location of Splice Point I 5 is indicated by the shaded section.

Ⓛ: Page No.

Ⓜ: Indicates a shielded cable.



Ⓝ: Indicates a ground point.

The first letter of the code for each ground point(s) indicates the component's location, e.g, "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

Ⓞ: Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right / Numbered in order from upper right to lower left



Female Male

Ⓟ: When 2 parts both use one connector in common, the parts connector name used in the wire routing section is shown in square brackets [ ].

Q

SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO TERMINAL 3 OF THE POWER WINDOW MASTER SW, TERMINAL 2 OF THE POWER WINDOW CONTROL RELAY AND TERMINAL 8 OF THE POWER WINDOW SW THROUGH THE DOOR FUSE.

1. DRIVER'S WINDOW "MANUAL UP" OPERATION BY MASTER SW

HOLDING MANUAL SW(DRIVER'S) ON "UP" POSITION LOCATED IN POWER WINDOW MASTER SW, THE CURRENT FLOWS TO TERMINAL 5 OF THE POWER WINDOW CONTROL RELAY THROUGH TERMINAL 3 OF THE MASTER SW → TERMINAL 2 TO OPERATE A POWER WINDOW CONTROL RELAY. THUS THE CURRENT INSIDE THE RELAY FLOWS FROM TERMINAL 2 OF THE RELAY → TERMINAL 1 → TERMINAL 2 OF THE POWER WINDOW MOTOR → TERMINAL 1 → TERMINAL 4 OF THE RELAY → TERMINAL 3 → TO GROUND. THE MOTOR TURNS TO ASCENT THE WINDOW. RELEASING THIS SW, THE ROTATION OF MOTOR IS STOPPED AND THE WINDOWS CAN STOP AT WILL POINT.
(FOR THE "MANUAL DOWN" OPERATION, CURRENT FLOWS IN THE REVERSE DIRECTION BECAUSE THE TERMINALS WHERE IT FLOWS ARE CHANGED).

2. DRIVER'S WINDOW "AUTO DOWN" OPERATION BY MASTER SW

ONCE THE "AUTO DOWN" BUTTON OF THE MASTER SW IS PUSHED, THE CURRENT FLOWS TERMINAL 9 OF THE POWER WINDOW CONTROL RELAY THROUGH TERMINAL 3 OF THE MASTER SW → TERMINALS 8 AND 9 TO OPERATE THE RELAY. THUS THE CURRENT INSIDE THE POWER WINDOW CONTROL RELAY FLOWS FROM TERMINAL 2 OF THE RELAY → TERMINAL 4 → TERMINAL 1 OF THE POWER WINDOW MOTOR → TERMINAL 2 → TERMINAL 1 OF THE RELAY → TERMINAL 3 → TO GROUND. THE MOTOR CONTINUES THE ROTATION ENABLING TO DESCENT THE WINDOW.
THE WINDOW DESCENDS TO THE END POSITION, THE CURRENT WILL BE CUT OFF TO RELEASE THE AUTO DOWN FUNCTION BASED ON THE INCREASING CURRENT BETWEEN TERMINAL 2 OF THE RELAY AND TERMINAL 1 IN RELAY.

3. DRIVER'S WINDOW AUTO DOWN RELEASE OPERATION BY MASTER SW

HOLDING THE MANUAL SW(DRIVER'S) ON "UP" POSITION IN OPERATING AUTO DOWN, THE CURRENT FROM TERMINAL 3 OF THE MASTER SW PASSING TERMINAL 2 FLOWS TERMINAL 5 OF THE RELAY AND RELEASES THE AUTO DOWN FUNCTION IN THE POWER WINDOW CONTROL RELAY. RELEASING THE HAND FROM SW, WINDOW STOPS AND CONTINUING ON TOUCHING SW, THE FUNCTION SWITCHES TO MANUAL UP OPERATION.

4. PASSENGER'S WINDOW UP OPERATION(MASTER SW) AND WINDOW LOCK SW OPERATION

HOLDING PASSENGER'S WINDOW SW(MASTER SW) ON "UP", THE CURRENT FLOWS FROM TERMINAL 3 OF THE MASTER SW PASSING TERMINAL 6 TO TERMINAL 3 OF THE POWER WINDOW SW(PASSENGER'S) → TERMINAL 4 → TERMINAL 2 OF THE MOTOR → TERMINAL 1 → TERMINAL 9 OF THE POWER WINDOW SW → TERMINAL 7 → TERMINAL 1 OF THE MASTER SW → TERMINAL 4 TO GROUND. THE MOTOR RUNS TO ASCENT THE WINDOW. RELEASING THIS SW, THE ROTATION OF MOTOR IS STOPPED AND WINDOW CAN STOP AT WILL PLACE.
SWITCHING THE WINDOW LOCK SW IN "LOCK" POSITION, THE CIRCUIT IS OPENED AND STOPPED THE MOTOR ROTATION.
(FOR THE DOWN OPERATION, CURRENT FLOWS IN THE REVERSE DIRECTION BECAUSE THE TERMINALS WHERE IT FLOWS ARE CHANGED).

R

SERVICE HINTS

P2 POWER WINDOW CONTROL RELAY

3-GROUND:ALWAYS CONTINUITY
2-GROUND:APPROX.12VOLTS WITH IGNITION SW AT **ON** POSITION
5-GROUND:APPROX.12VOLTS WITH IGNITION SW AT **ON** POSITION AND MASTER SW AT **UP** POSITION
8-GROUND:APPROX.12VOLTS WITH IGNITION SW AT **ON** POSITION AND MASTER SW AT **AUTO DOWN** POSITION
9-GROUND:APPROX.12VOLTS WITH IGNITION SW AT **ON** POSITION AND MASTER SW AT **DOWN** OR **AUTO DOWN** POSITION

P4 POWER WINDOW MASTER SW

4-GROUND:ALWAYS CONTINUITY
3-GROUND:APPROX.12VOLTS WITH IGNITION SW AT **ON** POSITION

WINDOW LOCK SW

OPEN WITH WINDOW LOCK SW AT **LOCK** POSITION

S

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
P2	21	P4	21	P6	21
P3	21	P5	21		

T

⬭ : RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCK (RELAY BLOCK LOCATION)
1	16	R/B NO.1 (INSTRUMENT PANEL LEFT SIDE)

U

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
3B	14	J/B NO.3 AND COWL WIRE (INSTRUMENT PANEL LEFT SIDE)

V

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
ID1	26	FRONT DOOR RH WIRE AND COWL WIRE (RIGHT KICK PANEL)
IH1	26	FRONT DOOR LH WIRE AND COWL WIRE (LEFT KICK PANEL)

W

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINT LOCATION
IC	24	COWL LEFT

X

⬡ : SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESSES WITH SPLICE POINTS
I5	24	COWL WIRE

Ⓠ: Explains the system outline.

Ⓡ: Indicates values or explains the function for reference during troubleshooting.

Ⓢ: Indicates the reference page showing the position on the vehicle of the parts in the system circuit.

Example: Part "P4" (Power Window Master SW) is on page 21 of the manual.

* The letter in the code is from the first letter of the part, and the number indicates its order in parts starting with that letter.

Example: P4
- P: Power Window Master SW
- 4: Part is 4th in order

Ⓣ: Indicates the reference page showing the position on the vehicle of Relay Block Connectors in the system circuit.

Example: Connector "1" is described on page 16 of this manual and is installed on the left side of the instrument panel.

Ⓤ: Indicates the reference page showing the position on the vehicle of J/B and Wire Harness in the system circuit.

Example: Connector "3B" connects the Cowl Wire and J/B No. 3. It is described on page 14 of this manual, and is installed on the instrument panel left side.

Ⓥ: Indicates the reference page describing the wiring harness and wiring harness connector (the female wiring harness is shown first, followed by the male wiring harness).

Example: Connector "ID1" connects the front door RH wire (female) and cowl wire (male). It is described on page 26 of this manual, and is installed on the right side kick panel.

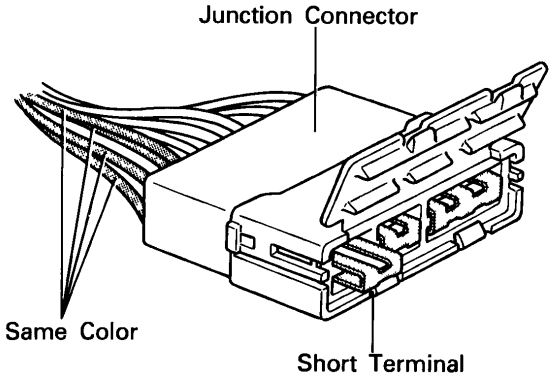
Ⓦ: Indicates the reference page showing the position of the ground points on the vehicle.

Example: Ground point "IC" is described on page 24 of this manual and is installed on the cowl left side.

Ⓧ: Indicates the reference page showing the position of the splice points on the vehicle.

Example: Splice point "I 5" is on the Cowl Wire Harness and is described on page 24 of this manual.

HINT:



Junction connector (code: J1 to J37) in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)
Wire harness sharing the same short terminal grouping have the same color.

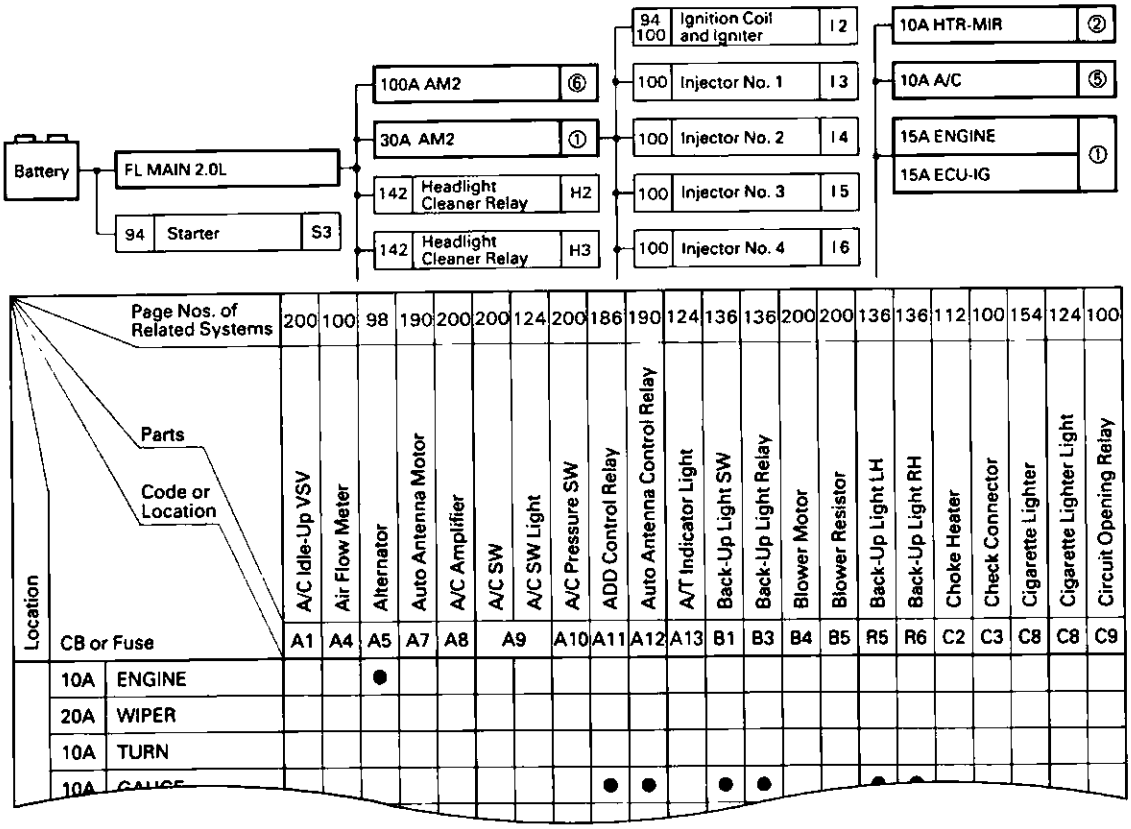
B HOW TO USE THIS MANUAL

The "Current Flow Chart" section, describes which parts each power source (fuses, fusible links, and circuit breakers) transmits current to. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all System Circuit diagrams start from the power source, the power source system must be fully understood.

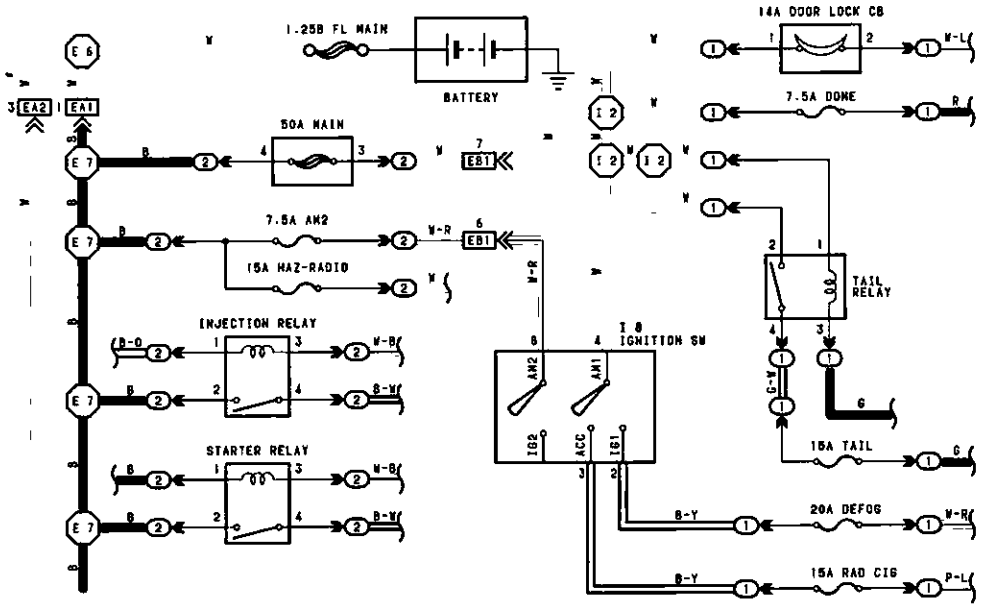
H POWER SOURCE (Current Flow Chart)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.

The next page and following pages shown the parts to which each electrical source outputs current.



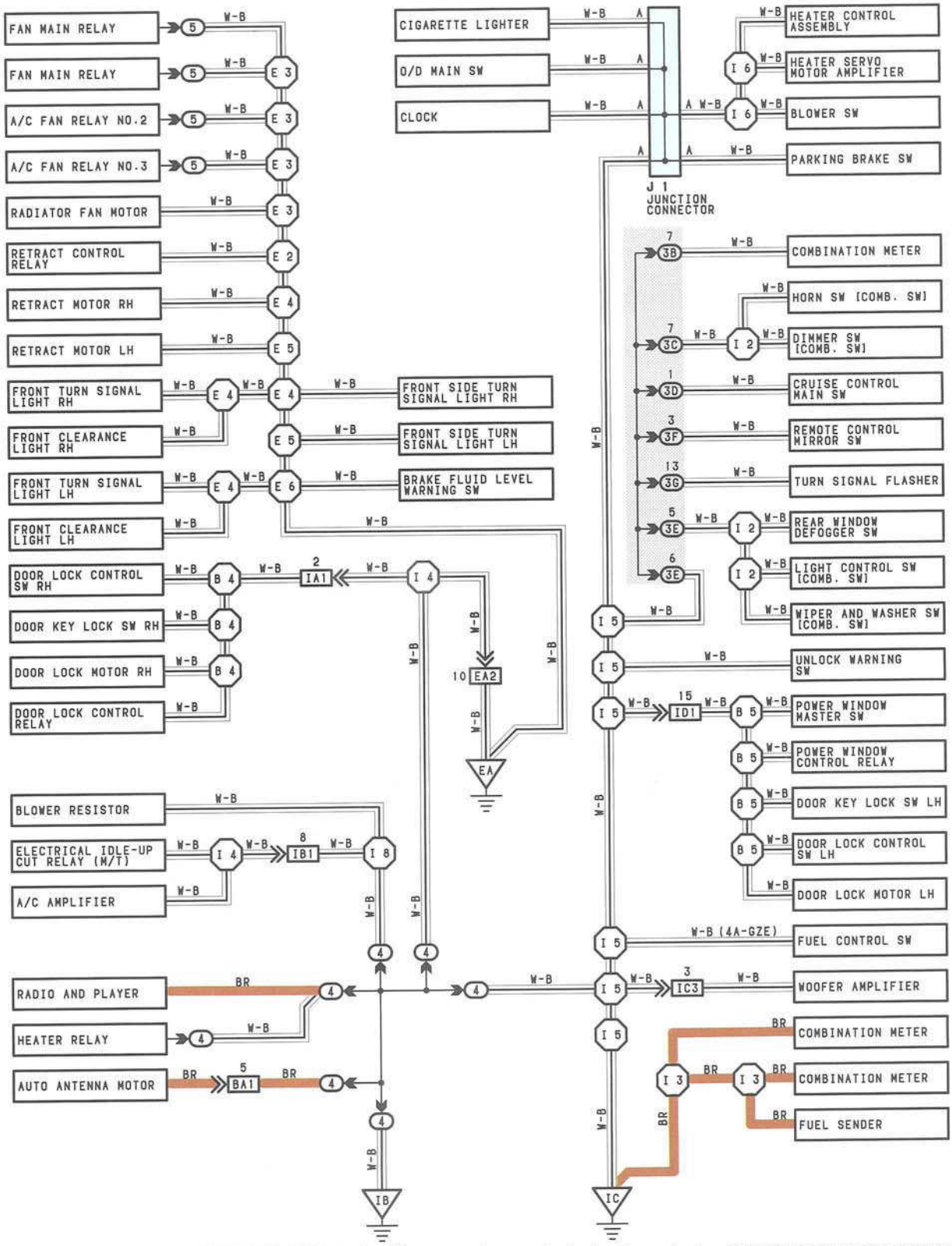
POWER SOURCE



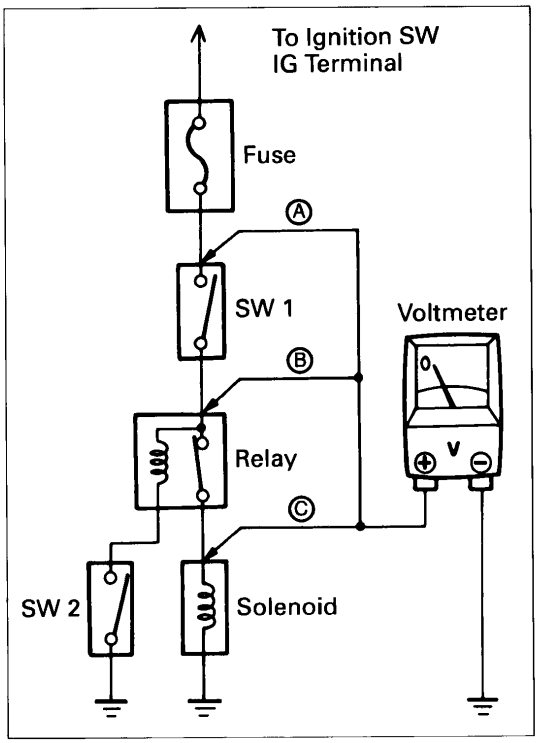
* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points (EA, IB and IC shown below) can also be checked this way.

J GROUND POINT



* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

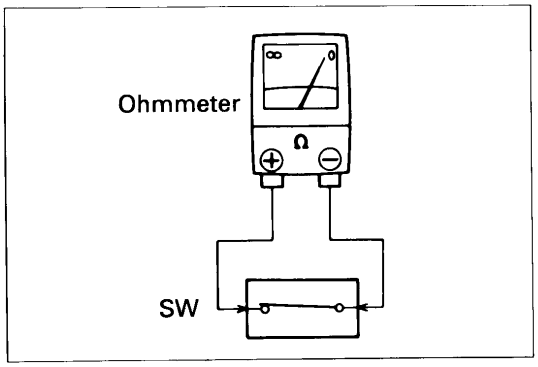


VOLTAGE CHECK

(a) Establish conditions in which voltage is present at the check point.

Example:
Ⓐ – Ignition SW on
Ⓑ – Ignition SW and SW 1 on
Ⓒ – Ignition SW, SW 1 and Relay on (SW 2 off)

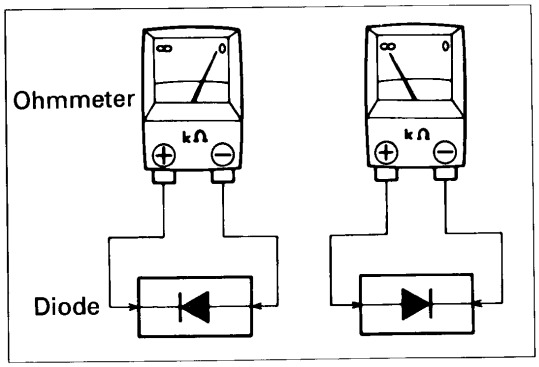
(b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal. This check can be done with a test a light instead of a voltmeter.



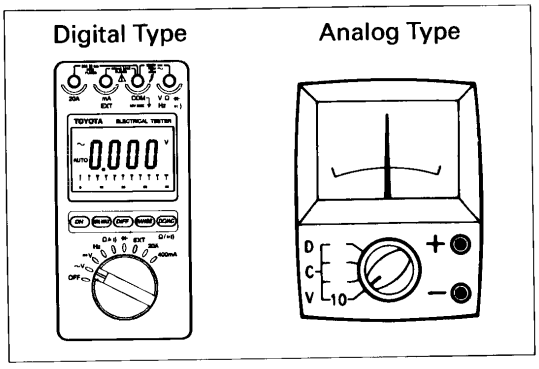
CONTINUITY AND RESISTANCE CHECK

(a) Disconnect the battery terminal or wire so there is no voltage between the check points.

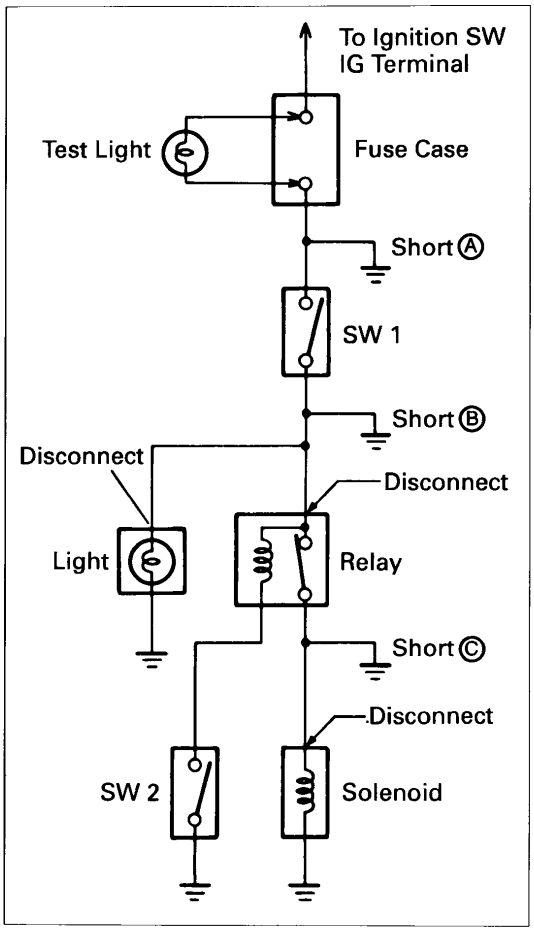
(b) Contact the two leads of an ohmmeter to each of the check points.



If the circuit has diodes, reverse the two leads and check again.
When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.
When contacting the two leads in reverse, there should be no continuity.



(c) Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting of the electrical circuit.



FINDING A SHORT CIRCUIT

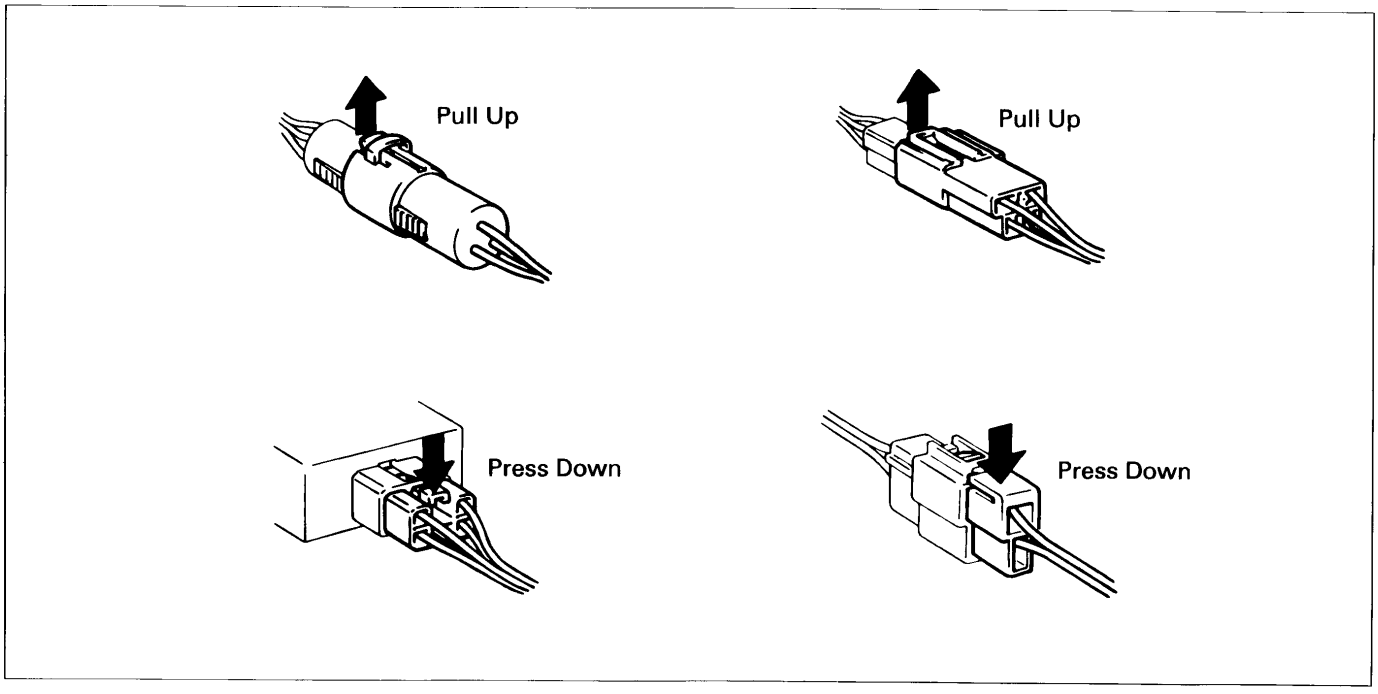
(a) Remove the blown fuse and disconnect all loads of the fuse.
(b) Connect a test light in place of the fuse.
(c) Establish conditions in which the test light comes on.
Example:
Ⓐ – Ignition SW on
Ⓑ – Ignition SW and SW 1 on
Ⓒ – Ignition SW, SW 1 and Relay on (Connect the Relay) and SW 2 off (or Disconnect SW 2)
(d) Disconnect and reconnect the connectors while watching the test light.
The short lies between the connector where the test light stays lit and the connector where the light goes out.
(e) Find the exact location of the short by lightly shaking the problem wire along the body.

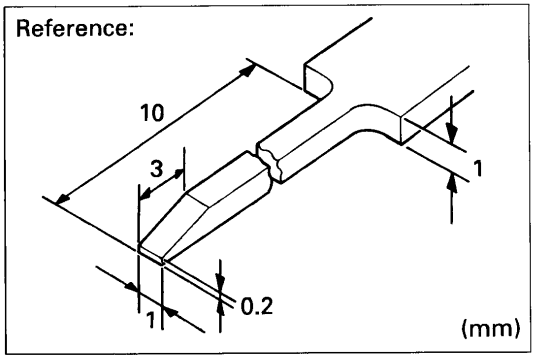
CAUTION:
Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)

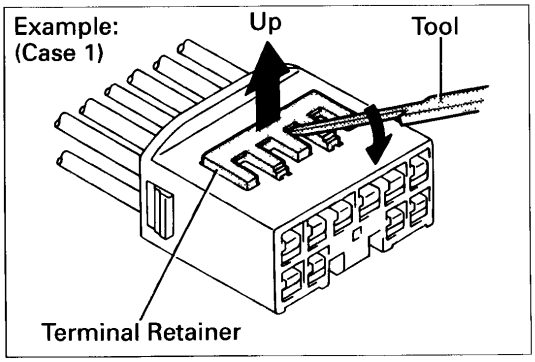
DISCONNECTION OF MALE AND FEMALE CONNECTORS

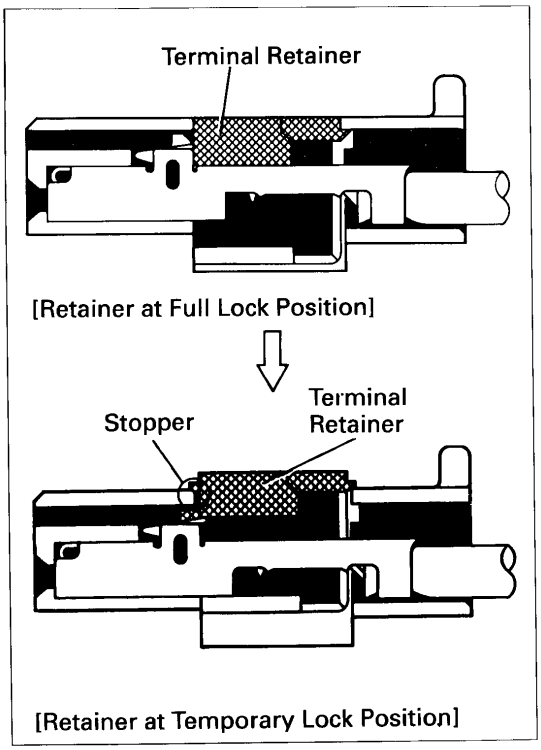
To pull apart the connectors, pull on the connector itself, not the wire harness.

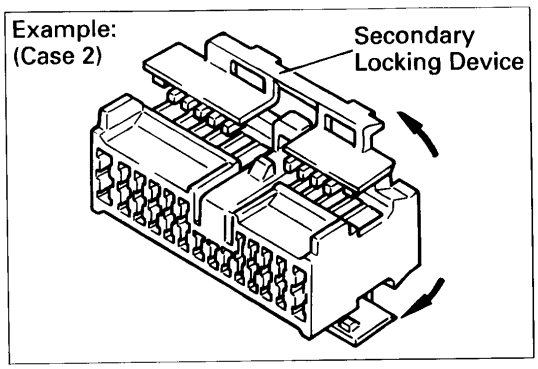
HINT: Check to see what kind of connector you are disconnecting before pulling apart.











HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

1. PREPARE THE SPECIAL TOOL

   HINT: To remove the terminal from the connector, please construct and use the special tool or like object shown on the left.

2. DISCONNECT CONNECTOR

3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

   (a) Locking device must be disengaged before the terminal locking clip can be released and the terminal removed from the connector.

   (b) Use a special tool or the terminal pick to unlock the secondary locking device or terminal retainer.

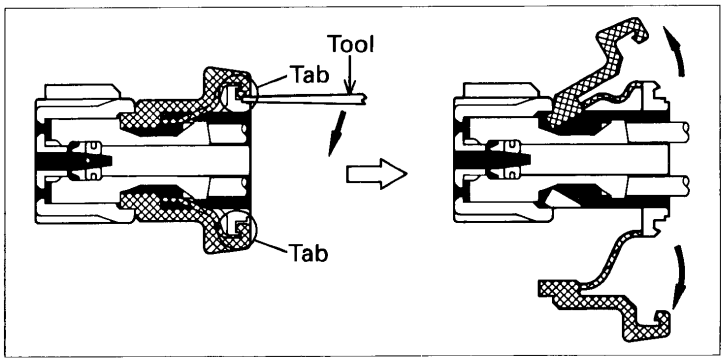
NOTICE:
Do not remove the terminal retainer from connector body.

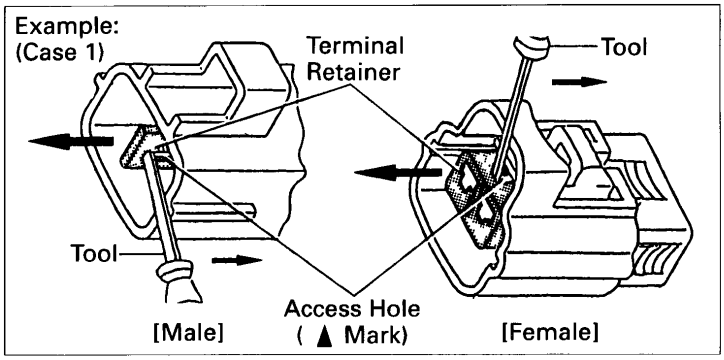
Ⓐ For Non-Waterproof Type Connector

HINT: The needle insertion position varies according to the connector's shape (number of terminals etc.), so check the position before inserting it.

"Case 1"
Raise the terminal retainer up to the temporary lock position.

"Case 2"
Open the secondary locking device.



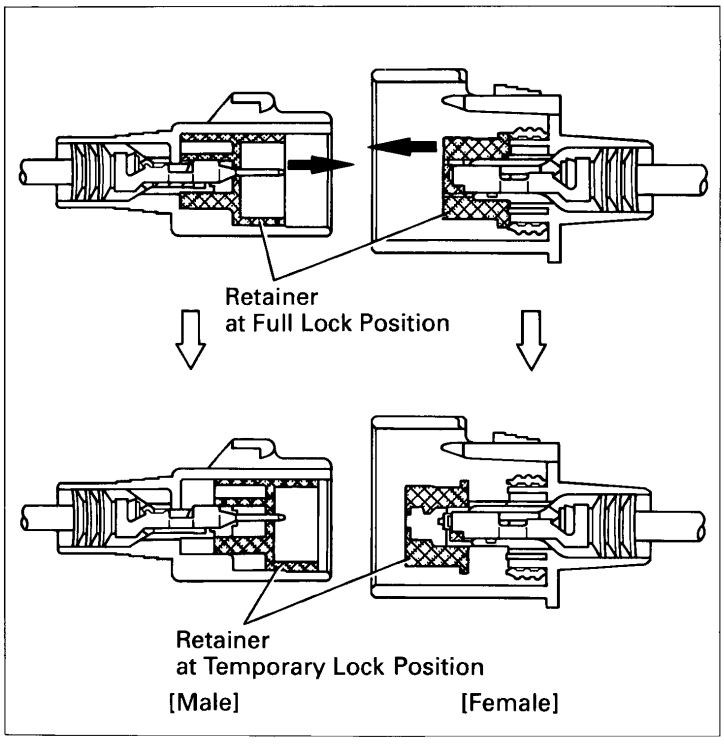


Ⓑ For Waterproof Type Connector

HINT: Terminal retainer color is different according to connector body.

Example:

Terminal Retainer	Connector Body
Black or White	: Gray
Black or White	: Dark Gray
Gray or White	: Black

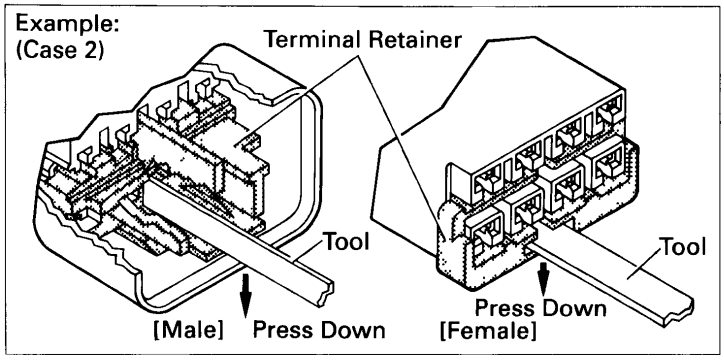


"Case 1"

Type where terminal retainer is pulled up to the temporary lock position (Pull Type).

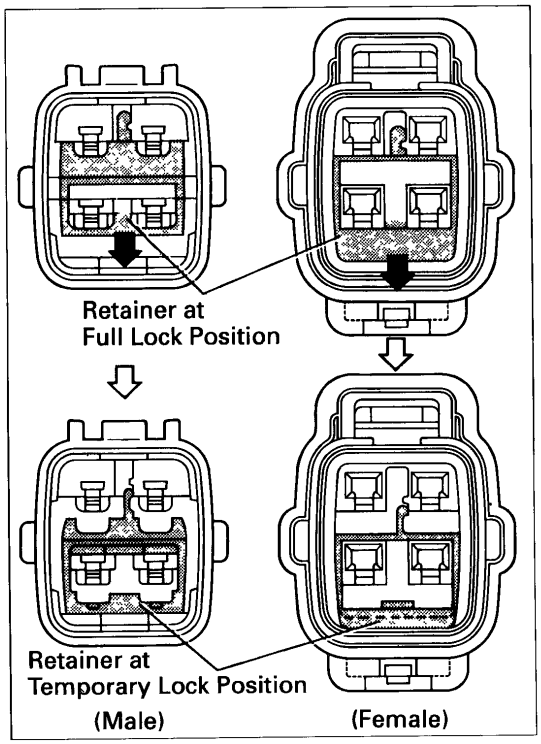
Insert the special tool into the terminal retainer access hole (▲Mark) and pull the terminal retainer up to the temporary lock position.

HINT: The needle insertion position varies according to the connector's shape (Number of terminals etc.), so check the position before inserting it.

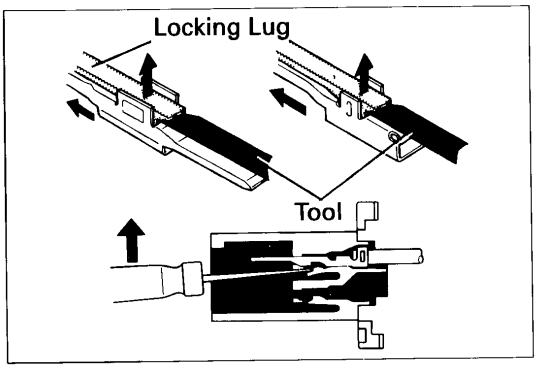


"Case 2"

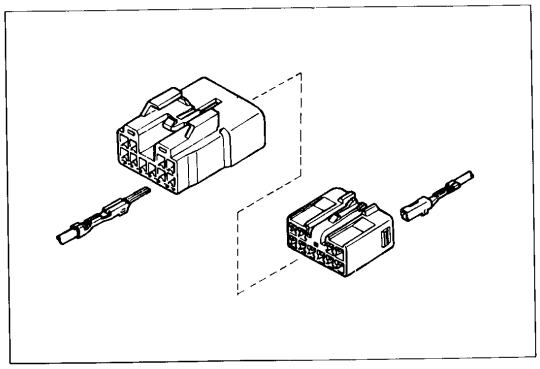
Type which cannot be pulled as far as Power Lock insert the tool straight into the access hole of terminal retainer as shown.



Push the terminal retainer down to the temporary lock position.

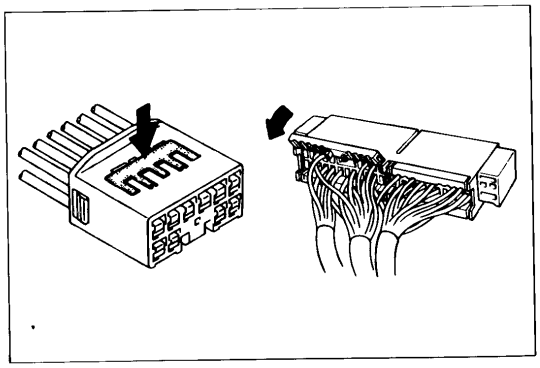


(c) Release the locking lug from terminal and pull the terminal out from rear.



4. INSTALL TERMINAL TO CONNECTOR
   (a) Insert the terminal.

   HINT:
   1. Make sure the terminal is positioned correctly.
   2. Insert the terminal until the locking lug locks firmly.
   3. Insert the terminal with terminal retainer in the temporary lock position.



(b) Push the secondary locking device or terminal retainer in to the full lock position.

5. CONNECT CONNECTOR

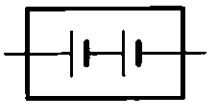
ABBREVIATIONS

The following abbreviations are used in this manual.

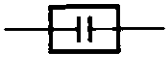
ABS	=	Anti-Lock Brake System
A/C	=	Air Conditioner
A/T	=	Automatic Transaxle
BACS	=	Boost Altitude Compensational Stopper
COMB.	=	Combination
DLC3	=	Data Link Connector 3
ECT	=	Electronically Controlled Transmission
ECU	=	Electronic Control Unit
EFI	=	Electronic Fuel Injection
EGR	=	Exhaust Gas Recirculation
ESA	=	Electronic Spark Advance
FL	=	Fusible Link
IIA	=	Integrated Ignition Assembly
ISC	=	Idle Speed Control
J/B	=	Junction Block
L/B	=	Liftback Type
LH	=	Left-Hand
LHD	=	Left-Hand Drive
M/T	=	Manual Transaxle
O/D	=	Overdrive
R/B	=	Relay Block
RH	=	Right-Hand
RHD	=	Right-Hand Drive
S/D	=	Sedan Type
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
VRV	=	Vacuum Regulating Valve
VSV	=	Vacuum Switching Valve
w/	=	With
W/G	=	Wagon Type
w/o	=	Without

* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

E GLOSSARY OF TERMS AND SYMBOLS



BATTERY
Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.



CAPACITOR (Condenser)
A small holding unit for temporary storage of electrical voltage.



CIGARETTE LIGHTER
An electric resistance heating element.



CIRCUIT BREAKER
Basically a reusable fuse, a circuit breaker will heat and open if too much current flows through it. Some units automatically reset when cool, others must be manually reset.

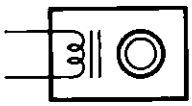


DIODE
A semiconductor which allows current flow in only one direction.

DIODE, ZENER



A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.



DISTRIBUTOR, IIA
Channels high-voltage current from the ignition coil to the individual spark plugs.



FUSE
A thin metal strip which burns through when too much current flows through it, thereby stopping current flow and protecting a circuit from damage.



(for Medium Current Fuse)

FUSIBLE LINK
A heavy-gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the cross-section surface area of the wires.



(for High Current Fuse or Fusible Link)



GROUND
The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.



HEADLIGHTS

1. SINGLE FILAMENT

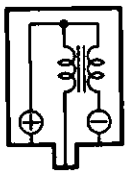


2. DOUBLE FILAMENT

Current flow causes a headlight filament to heat up and emit light. A headlight may have either a single (1) filament or a double (2) filament.



HORN
An electric device which sounds a loud audible signal.



IGNITION COIL
Converts low-voltage DC current into high-voltage ignition current for firing the spark plugs.



LIGHT
Current flow through a filament causes the filament to heat up and emit light.



LED (LIGHT EMITTING DIODE)
Upon current flow, these diodes emit light without producing the heat of a comparable light.



METER, ANALOG
Current flow activates a magnetic coil which causes a needle to move, thereby providing a relative display against a background calibration.

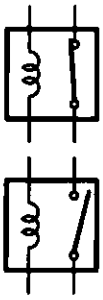


METER, DIGITAL
Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display.



MOTOR
A power unit which converts electrical energy into mechanical energy, especially rotary motion.

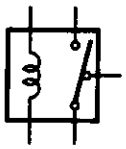
RELAY



1. NORMALLY CLOSED

2. NORMALLY OPEN

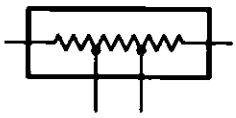
Basically, an electrically operated switch which may be normally closed (1) or open (2). Current flow through a small cail creates a magnetic field which either opens or closes an attached switch.



RELAY, DOUBLE THROW
A relay which passes current through one set of contacts or the other.



RESISTOR
An electrical component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.



RESISTOR, TAPPED
A resistor which supplies two or more different non adjustable resistance values.



RESISTOR, VARIABLE or RHEOSTAT
A controllable resistor with a variable rate of resistance. Also called a potentiometer or rheostat.

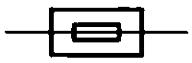


SENSOR (Thermistor)
A resistor which varles its resistance with temperature.



(Reed Switch Type)

SENSOR, SPEED
Uses magnetic impulses to open and close a switch to create a signal for activation of other components.



SHORT PIN
Used to provide an unbroken connection within a junction block.



SOLENOID
An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.

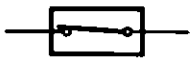


SPEAKER
An electromechanical device which creates sound waves from current flow.

SWITCH, MANUAL

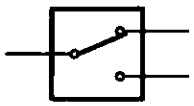


1. NORMALLY OPEN

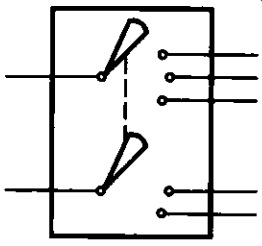


2. NORMALLY CLOSED

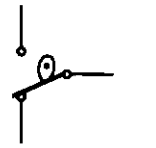
Opens and closes circuits, thereby stopping (1) or allowing (2) current flow.



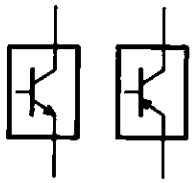
SWITCH, DOUBLE THROW
A switch which continuously passes current through one set of contacts or the other.



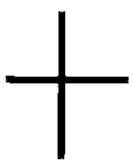
SWITCH, IGNITION
A key operated switch with several positions which allows various circuits, particularly the primary ignition circuit, to become operational.



SWITCH, WIPER PARK
Automatically returns wipers to the stop position when the wiper switch is turned off.

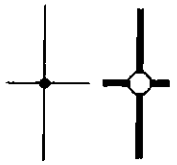


TRANSISTOR
A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base".



WIRES

(1) NOT CONNECTED



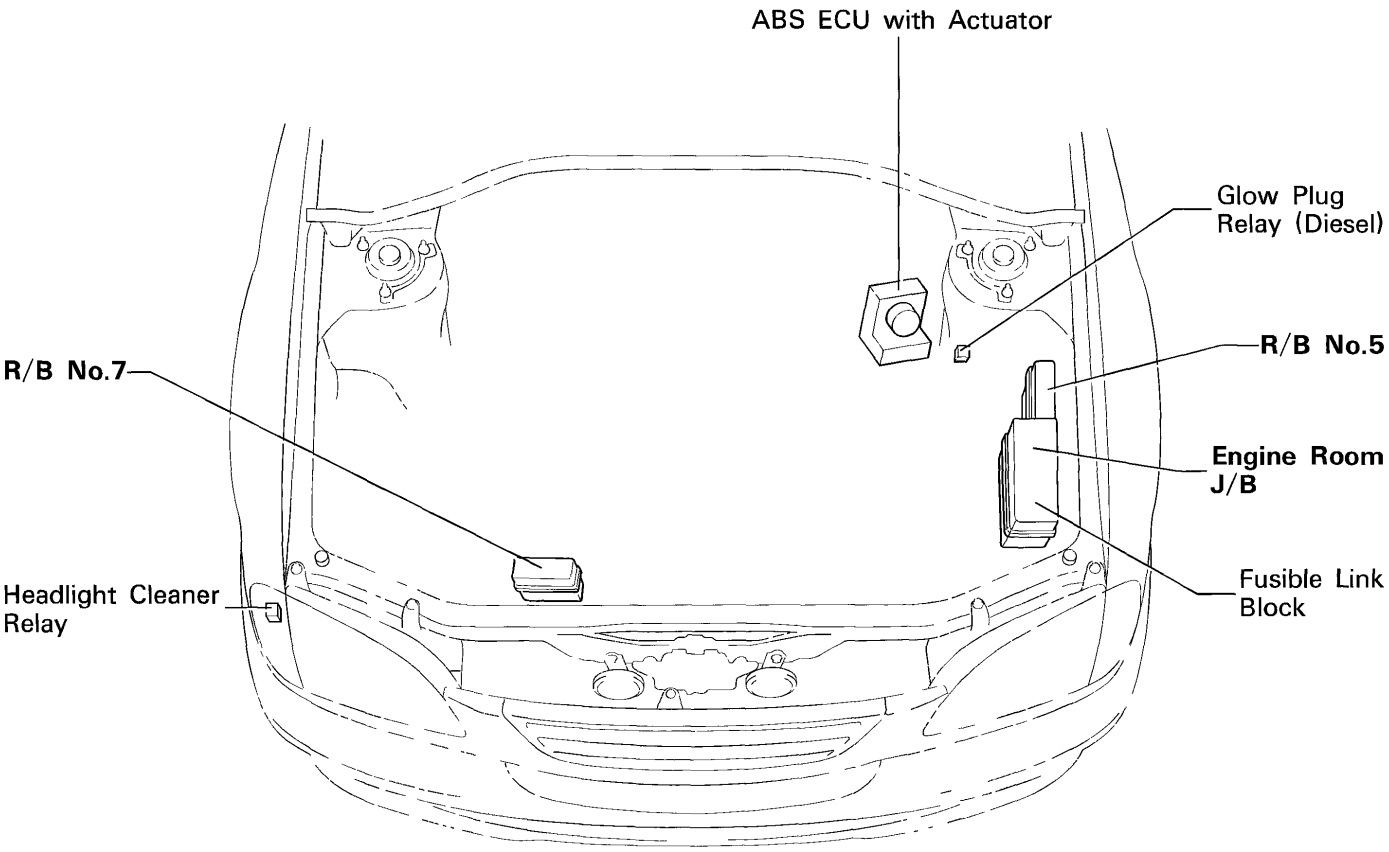
(2) SPLICED

Wires are always drawn as straight lines on wiring diagrams. Crossed wires (1) without a black dot at the junction are not joined; crossed wires (2) with a black dot or octagonal (⬡) mark at the junction are spliced (joined) connections.

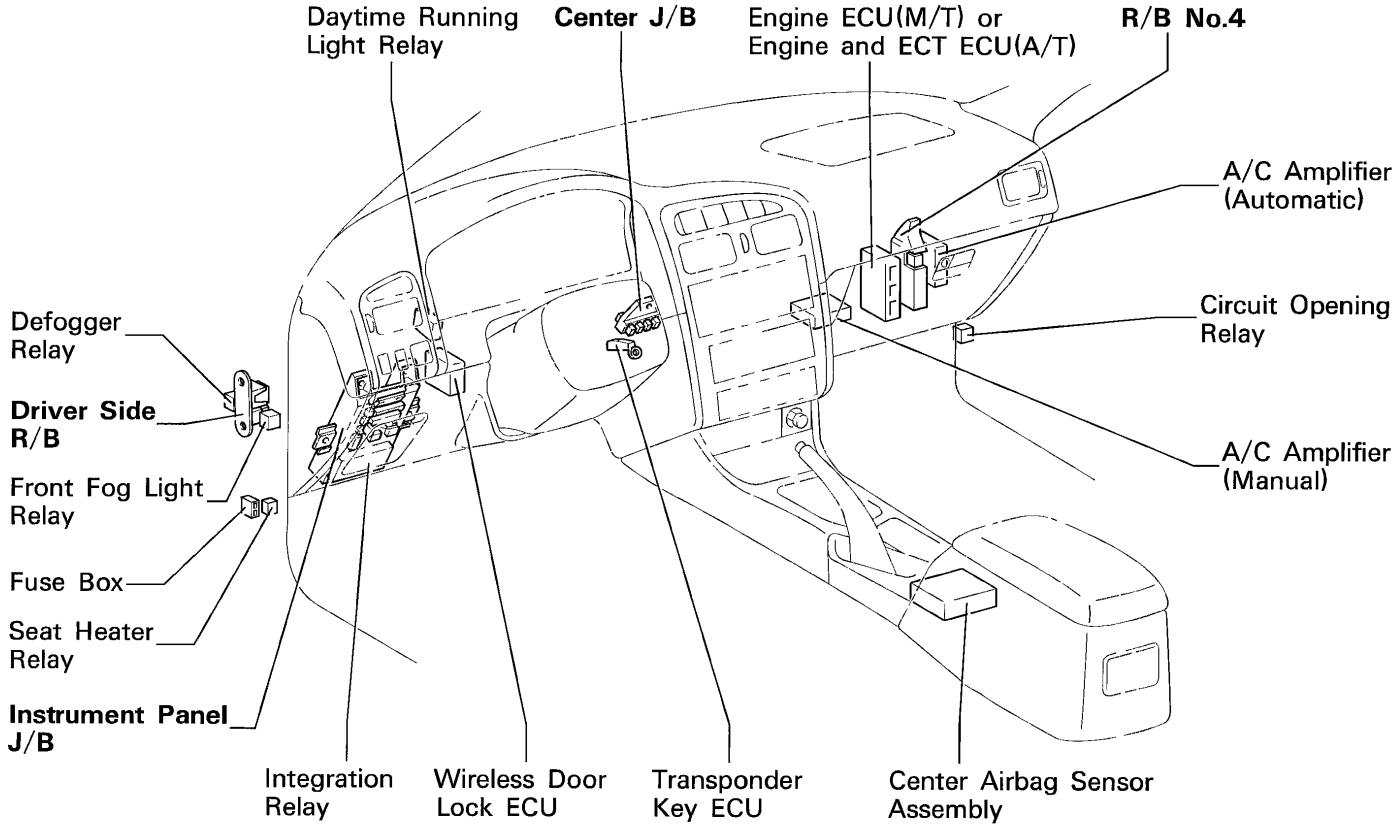
F RELAY LOCATIONS

[Engine Compartment]

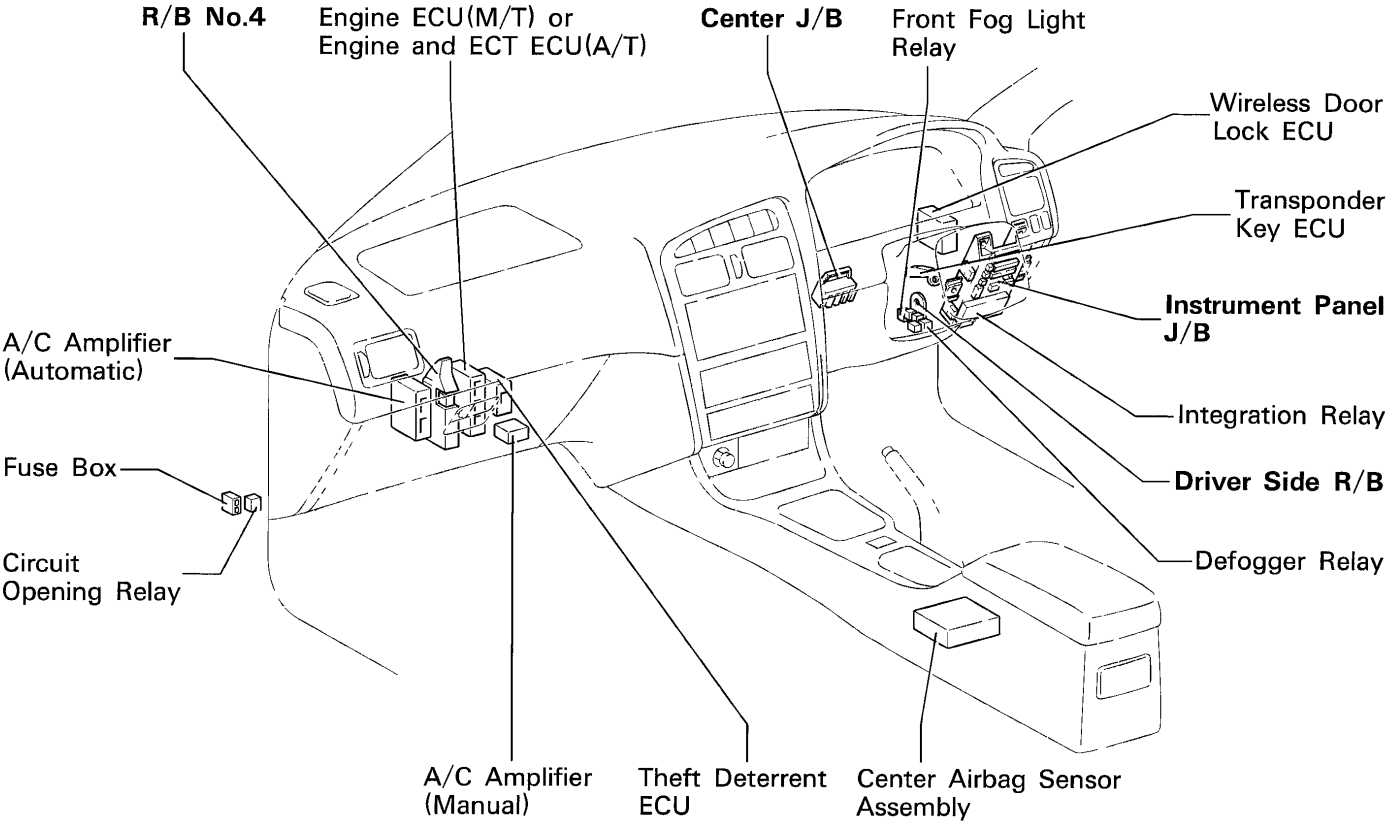
English



[Instrument Panel]
(LHD)



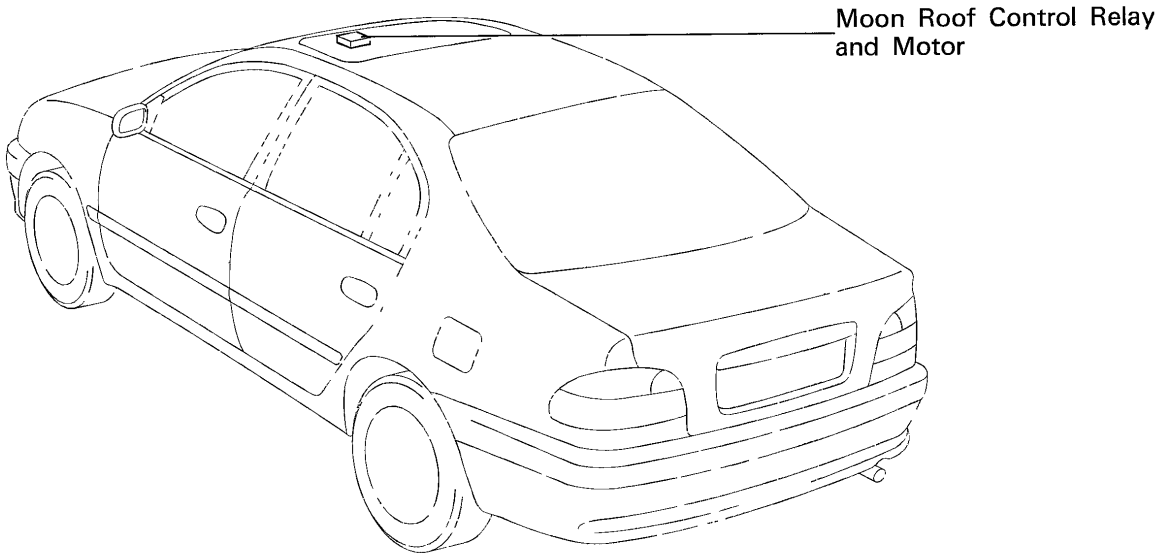
(RHD)



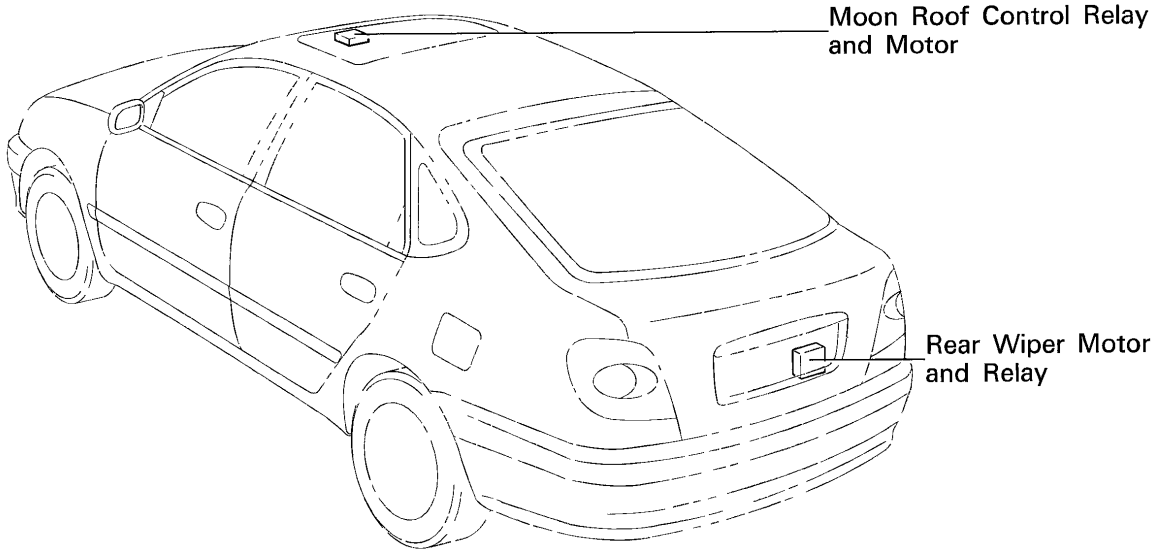
F RELAY LOCATIONS

[Body]

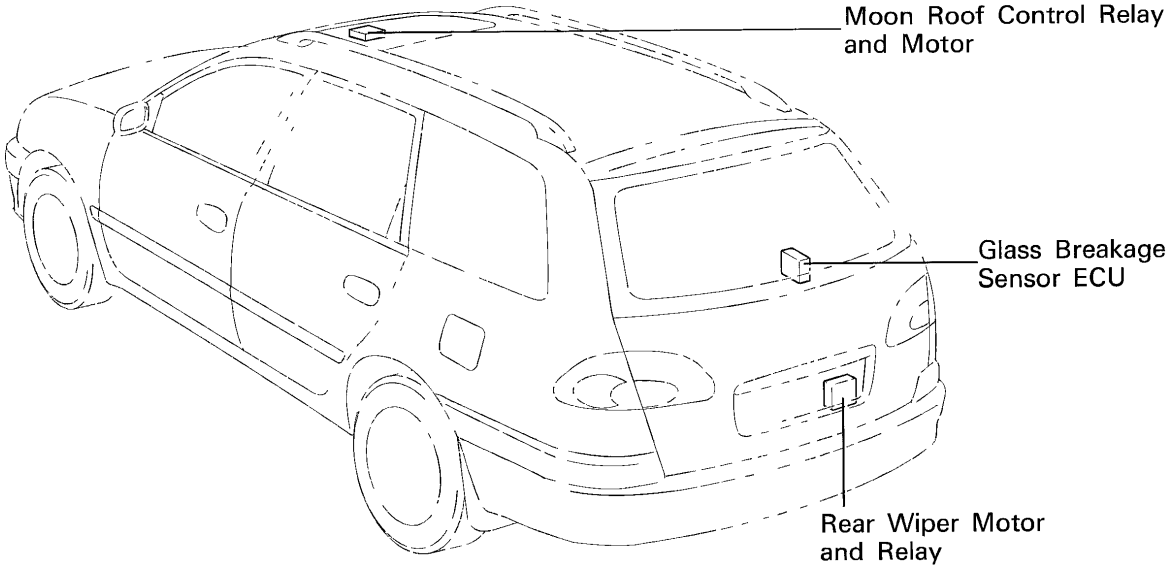
(S/D)



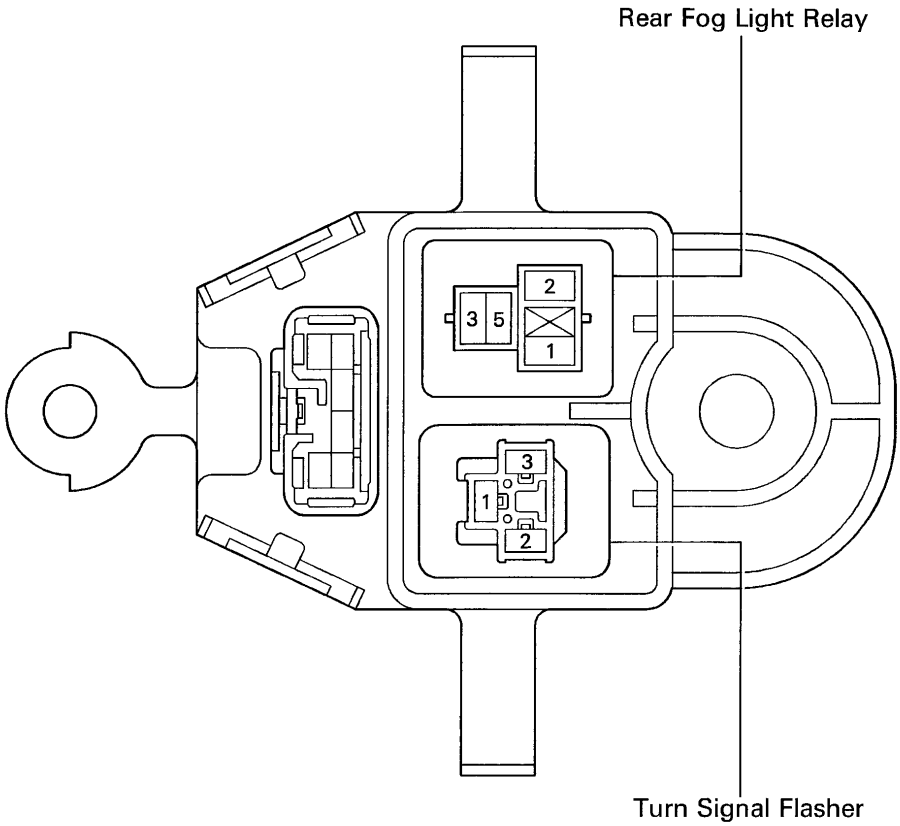
(L/B)



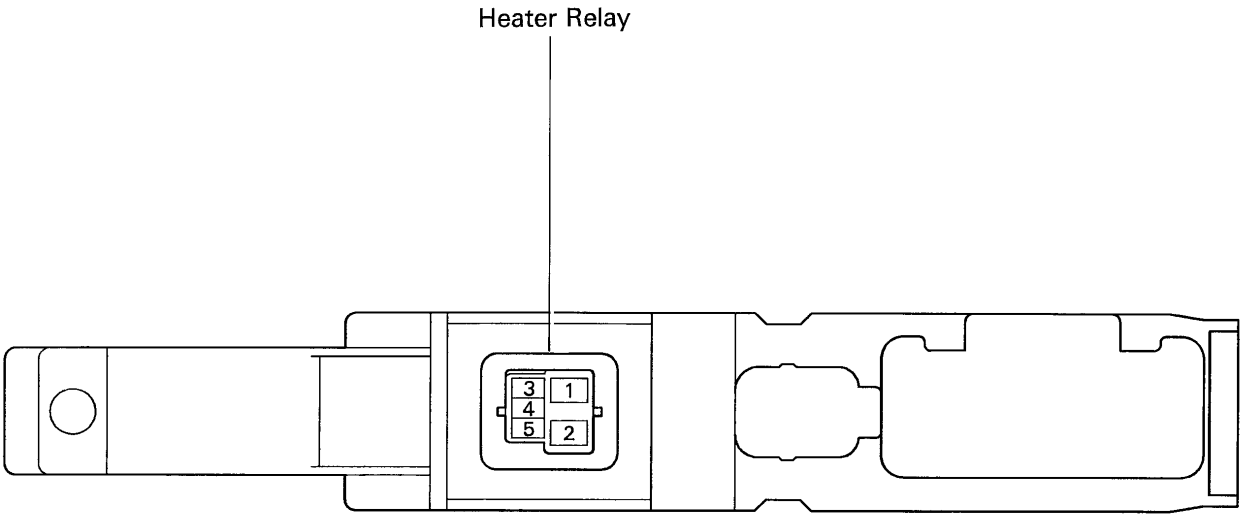
(W/G)



① : Driver Side R/B	LHD : Left Kick Panel (See Page 51) RHD : Right Kick Panel (See Page 51)

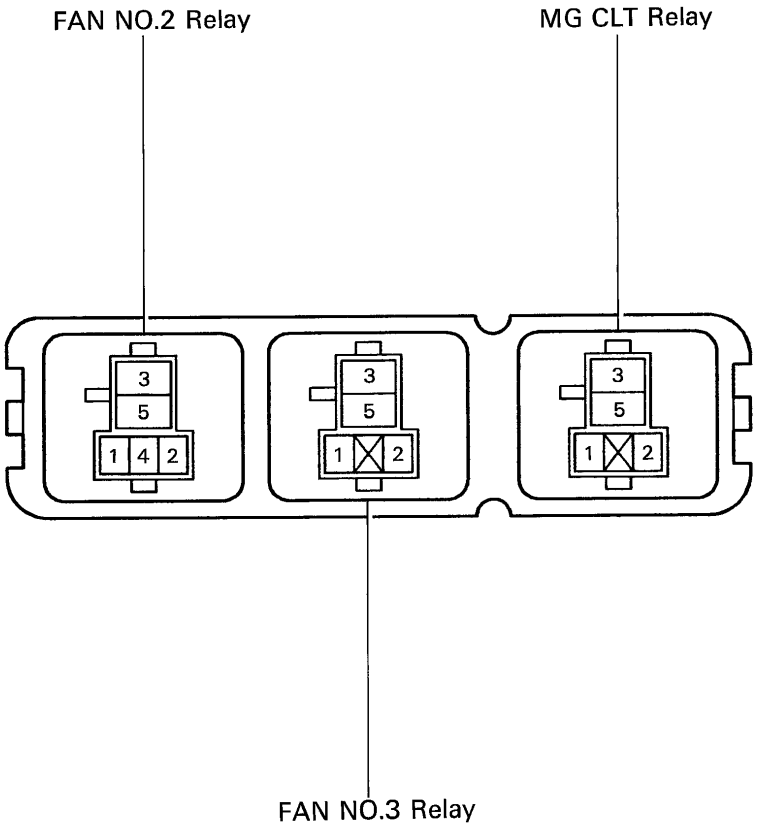


④ : R/B No.4	Passenger Side Dash Panel (See Page 51)



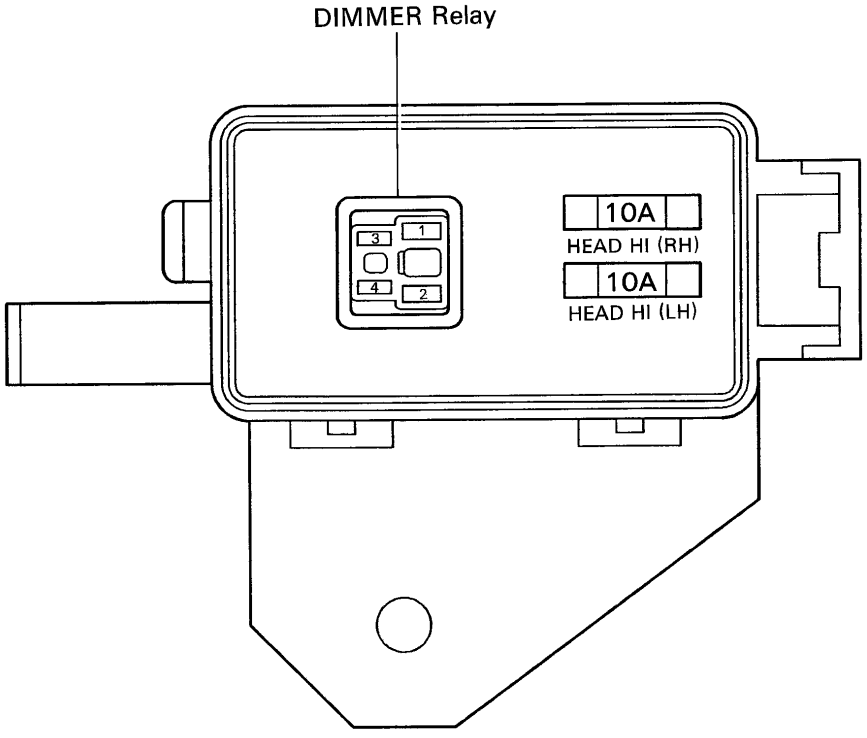
F RELAY LOCATIONS

⑤ : Engine Room R/B	Engine Compartment Left (See Page 50) (Inside Engine Room J/B)

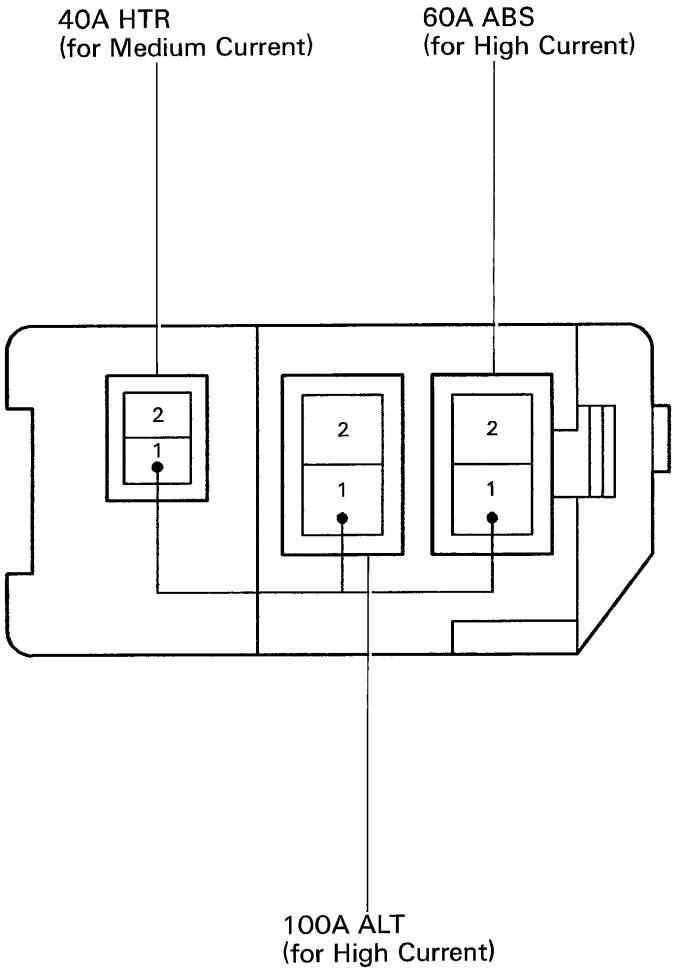


⑦ : R/B No.7	Radiator Upper Support RH (See Page 50)

(w/ Daytime Running Light)

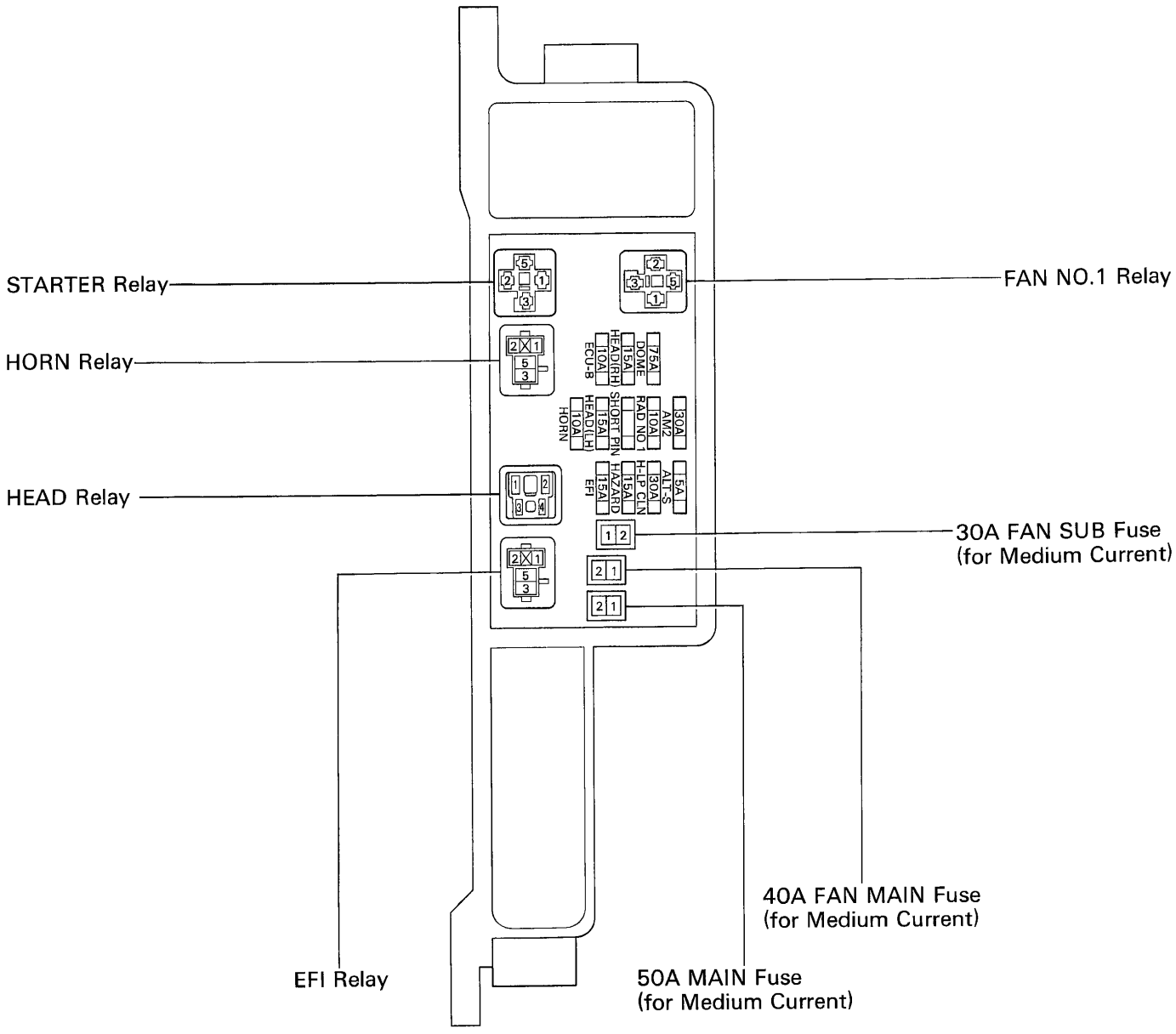


Fusible Link Block	Engine Compartment Left (See Page 50) (Inside Engine Room J/B)

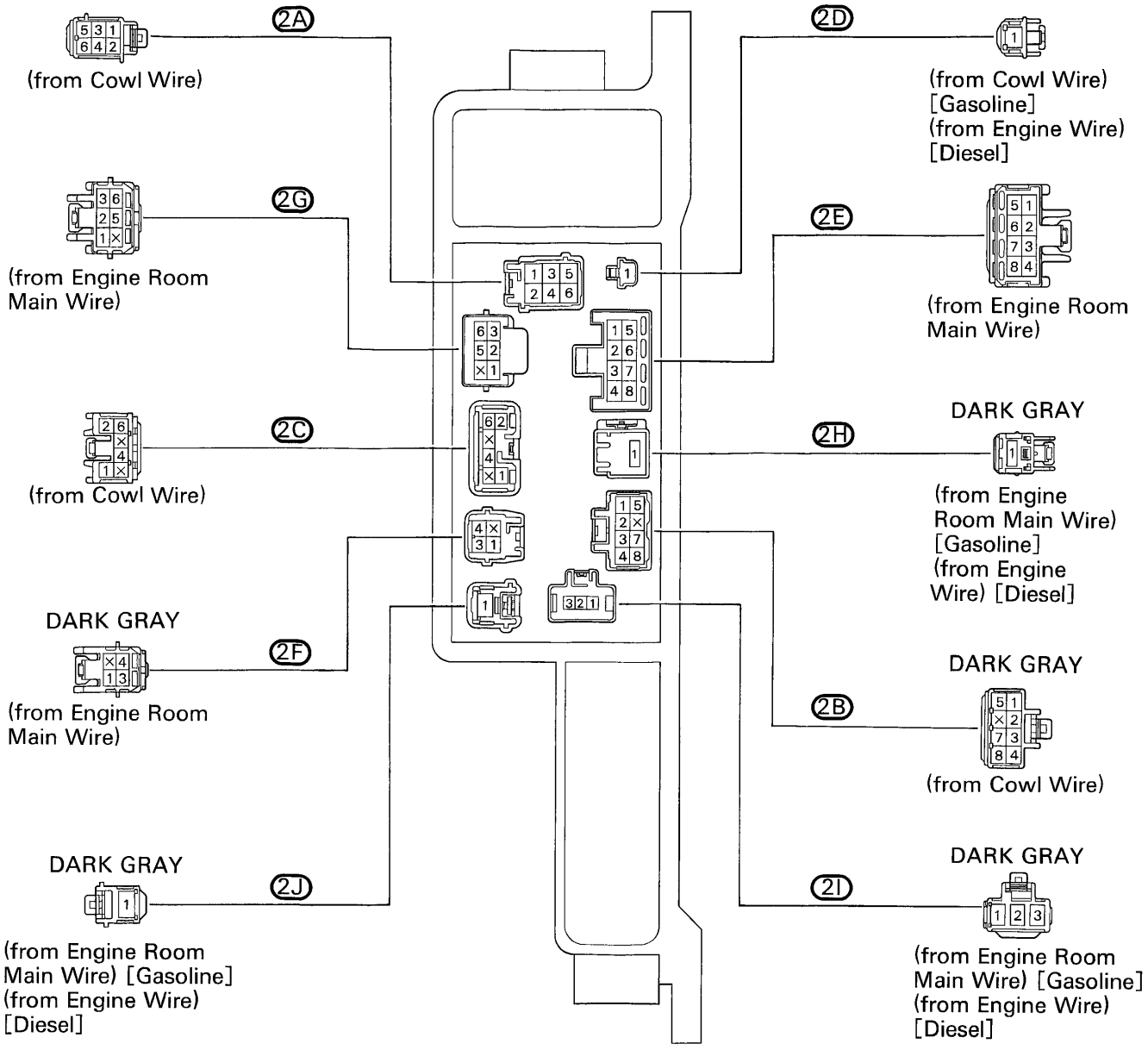


F RELAY LOCATIONS

⬭ : Engine Room J/B	Engine Compartment Left (See Page 50)

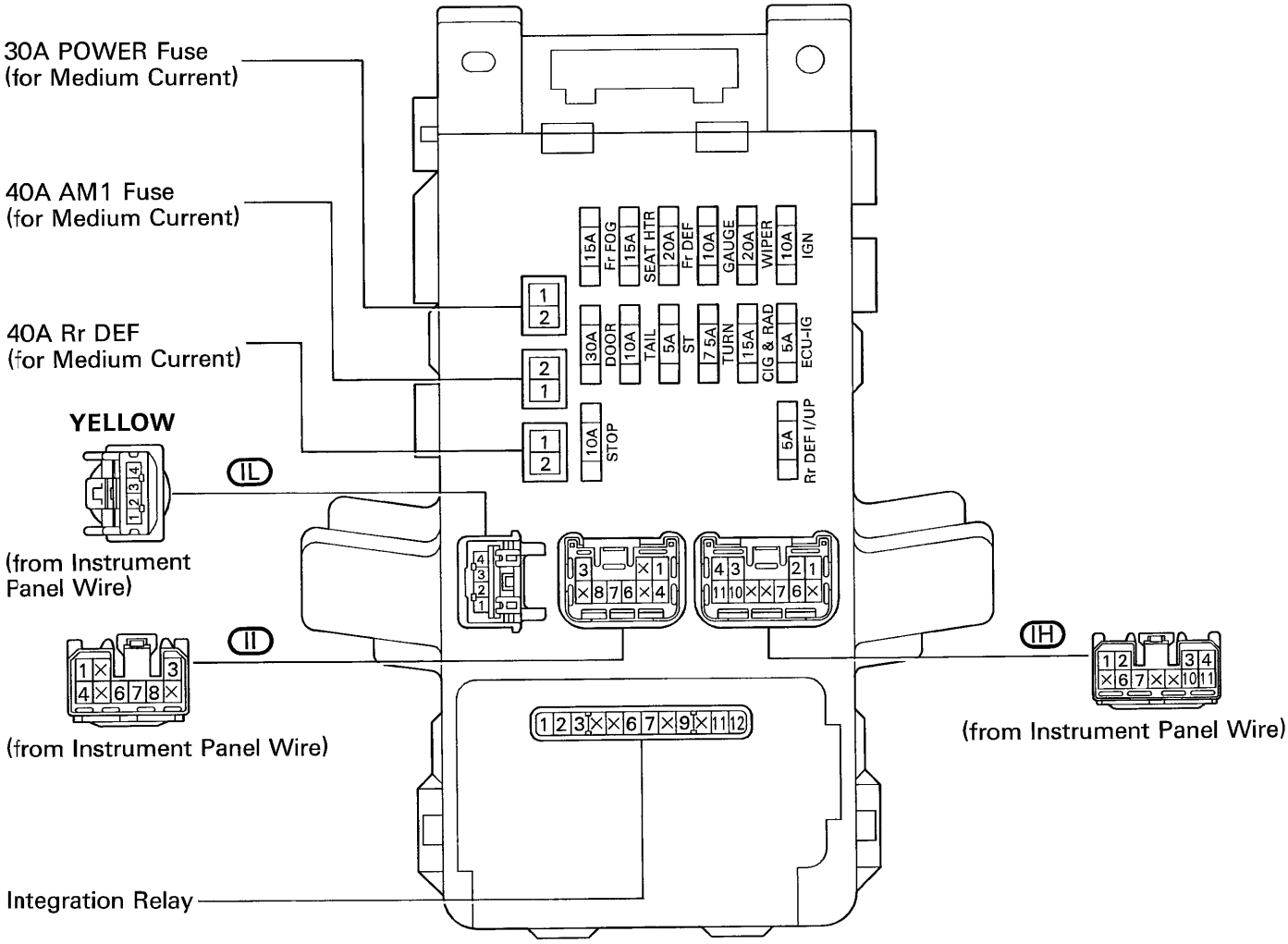


(Inner Circuit : See Page 62)

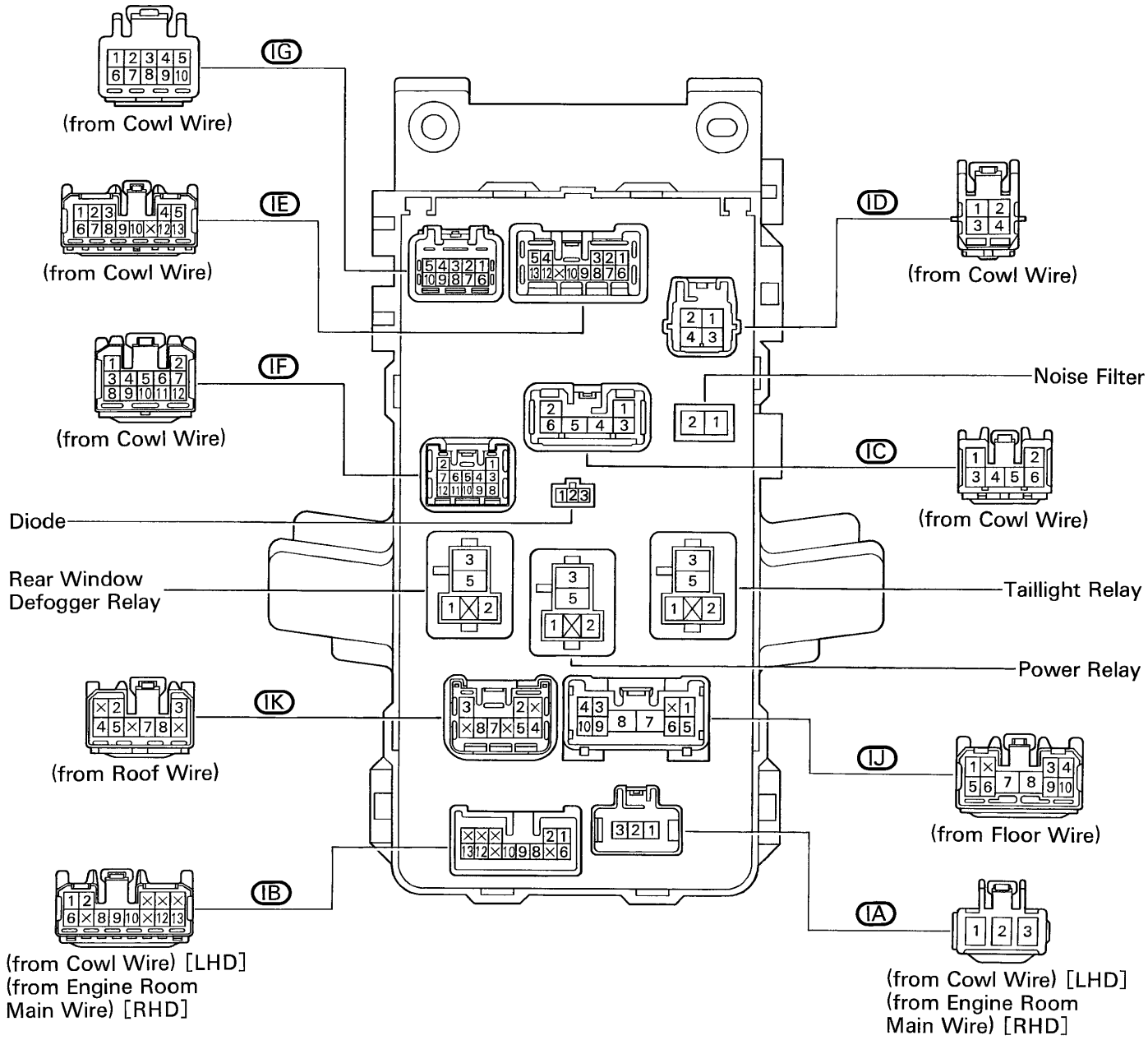


F RELAY LOCATIONS

⬭ : Instrument Panel J/B	Lower Finish Panel (See Page 51)



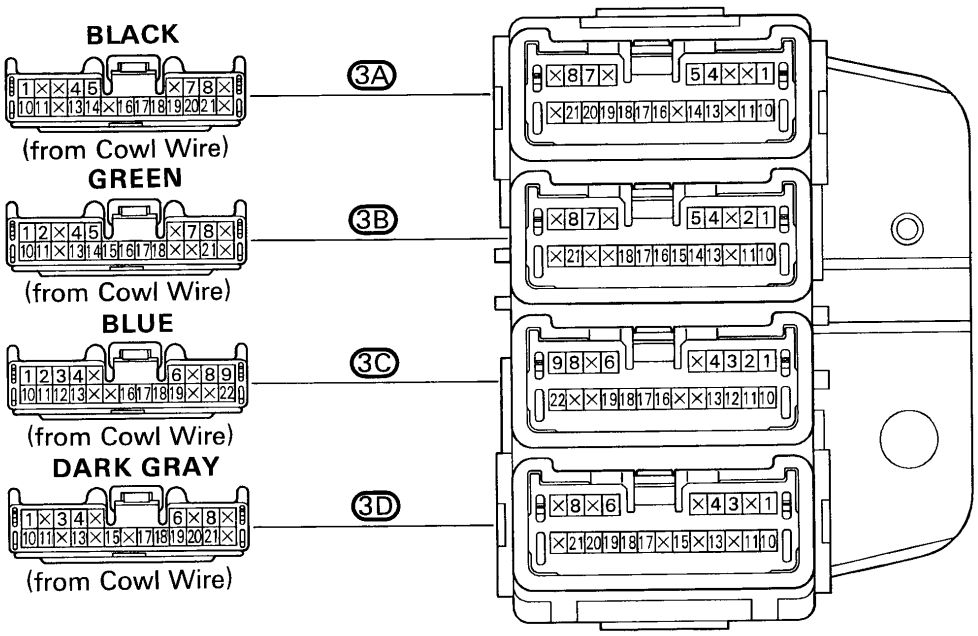
(Inner Circuit : See Page 63)



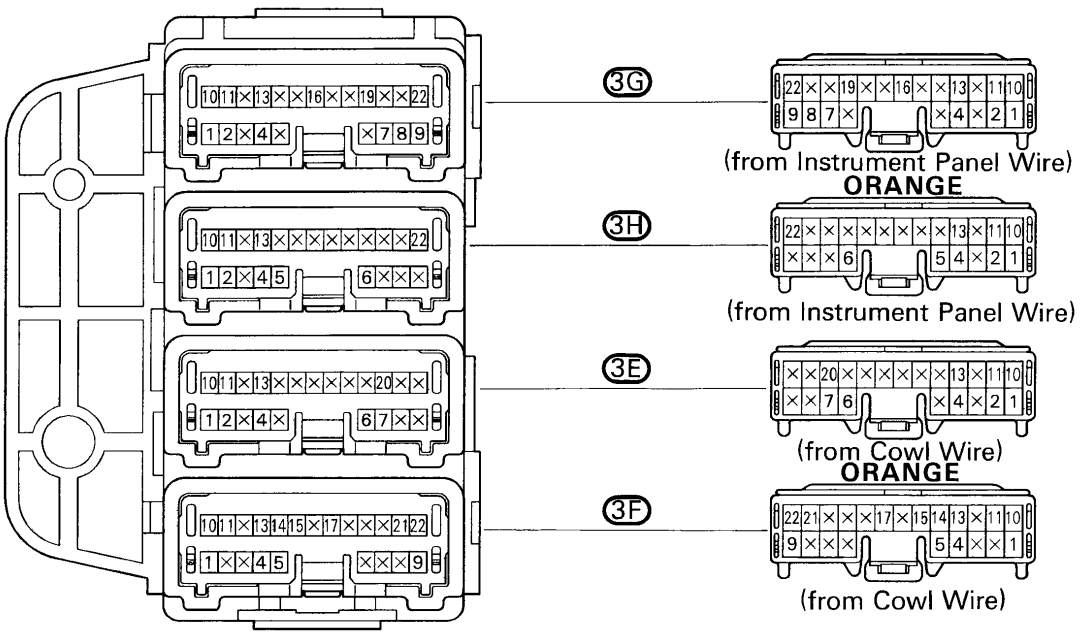
F RELAY LOCATIONS

⬭ : Center J/B	LHD : Left Side of Heater Unit (See Page 51) RHD : Right Side of Heater Unit (See Page 51)

English

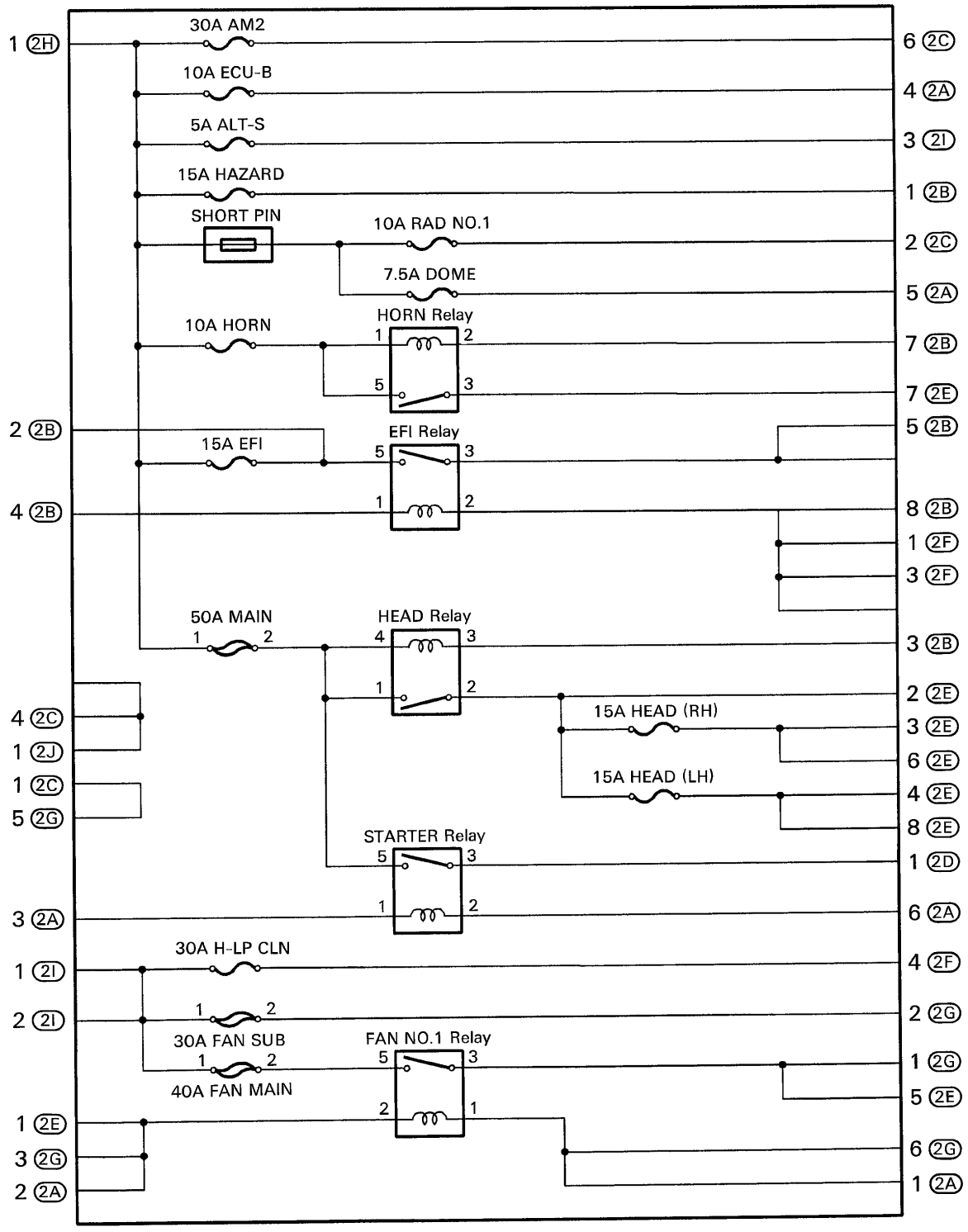


(Inner Circuit : See Page 64)

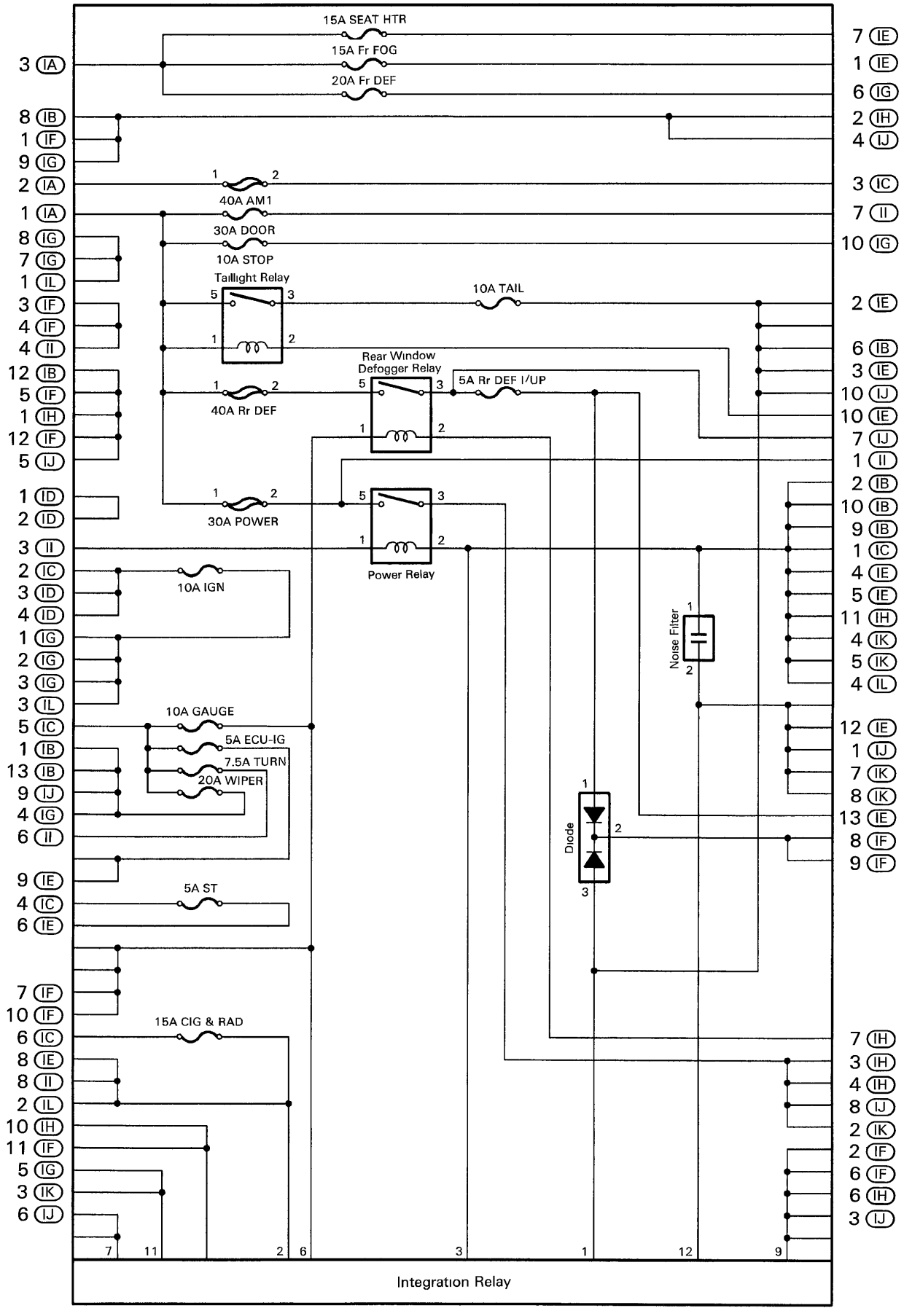


F RELAY LOCATIONS

[Engine Room J/B Inner Circuit]

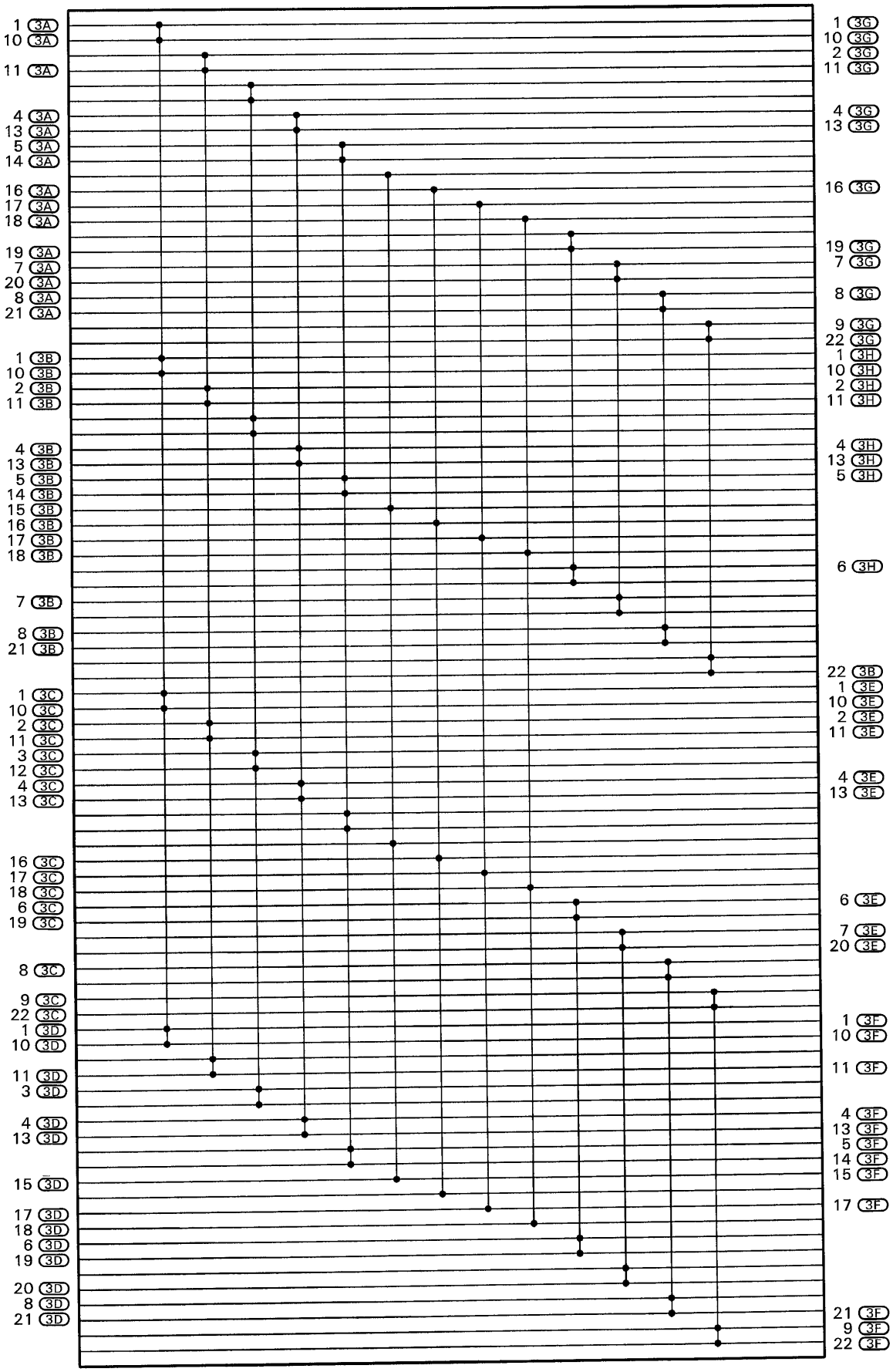


[Instrument Panel J/B Inner Circuit]



F RELAY LOCATIONS

[Center J/B Inner Circuit]

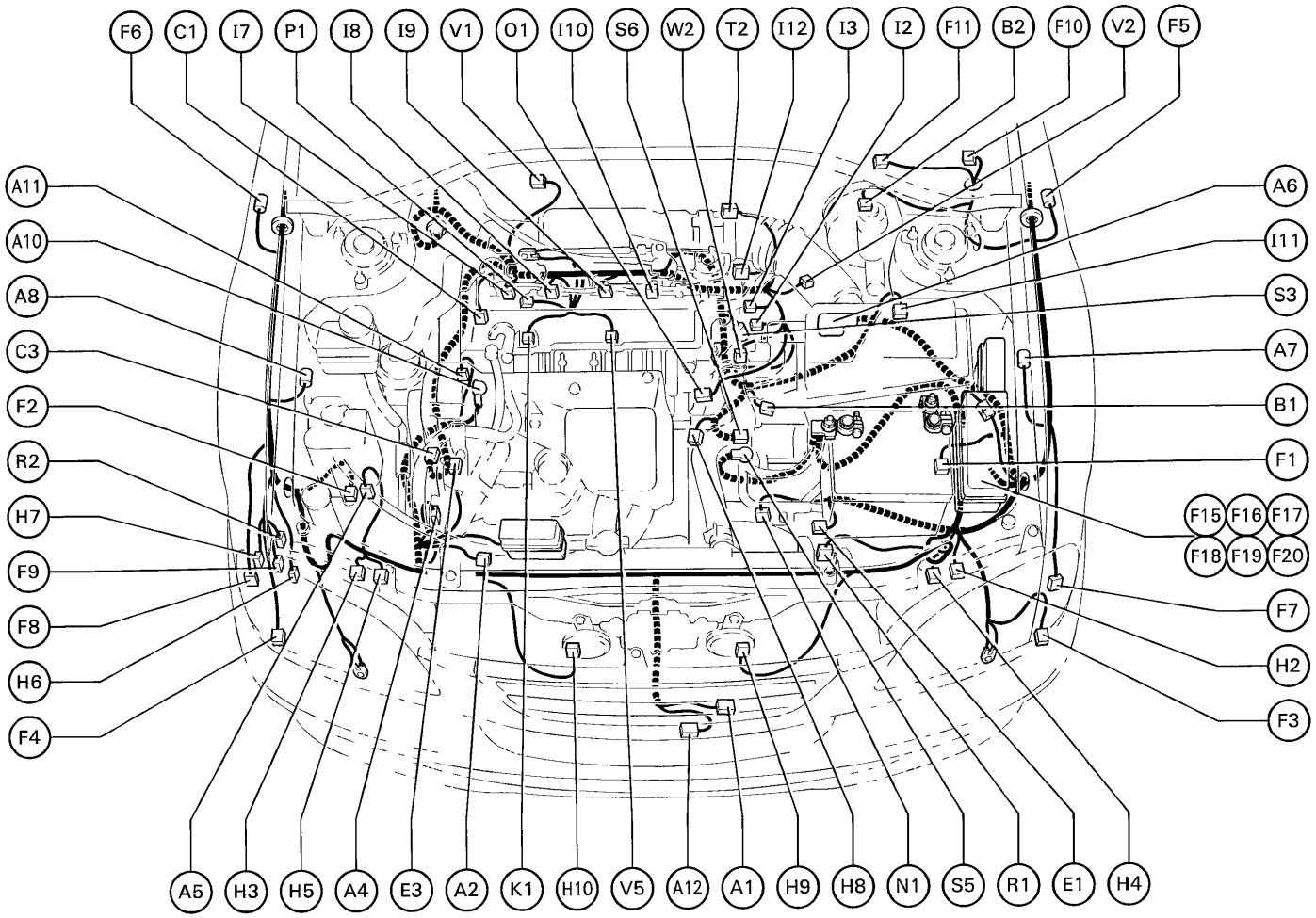


G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 3S-FE]

English



Position of Parts in Engine Compartment

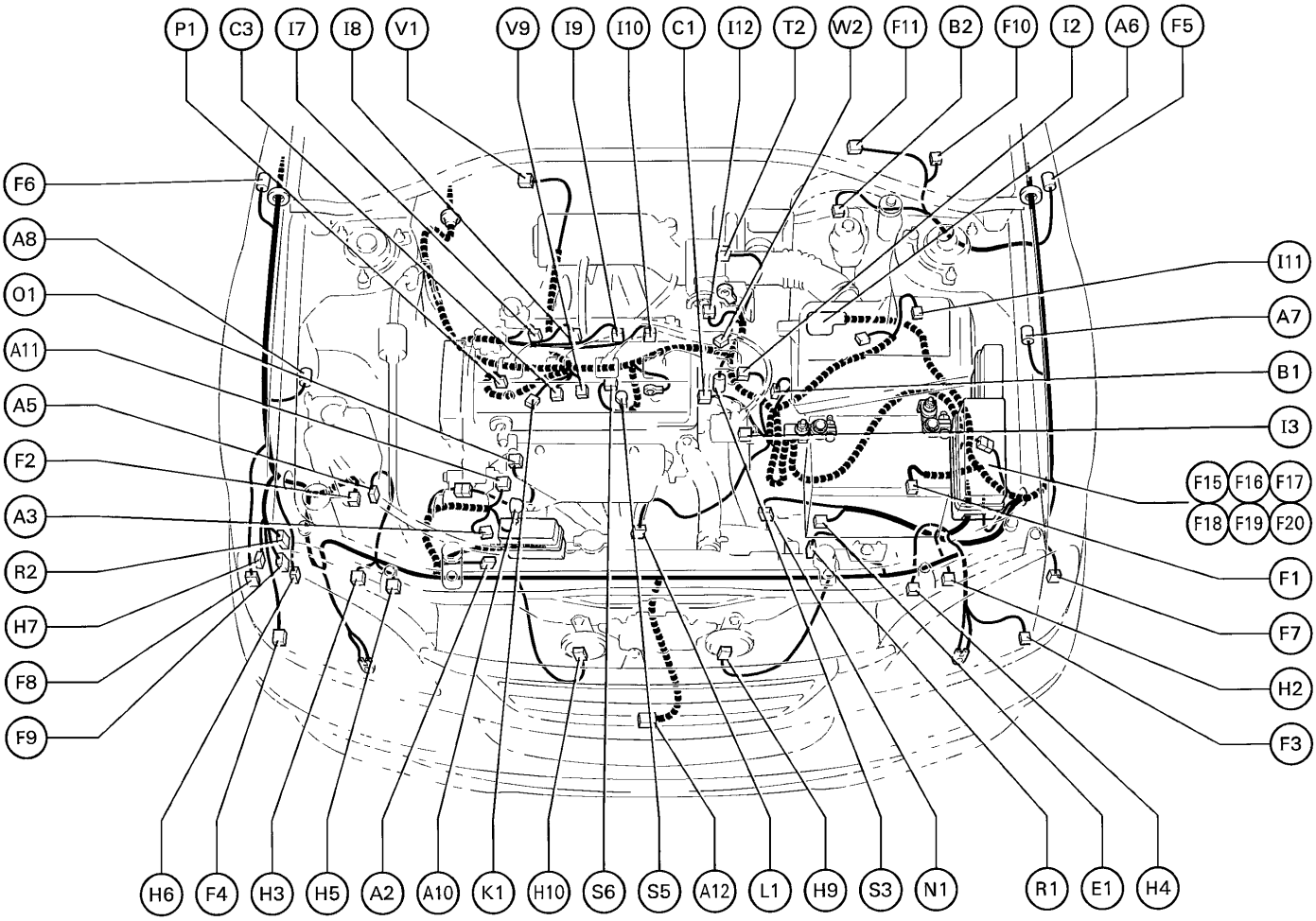
Code	English	Français	Español
A 1	A/C Ambient Temp. Sensor	Capteur de température ambiante de A/C	Sensor del temperatura ambiente del A/C
A 2	A/C Condenser Fan Motor	Moteur de ventilateur de condenseur de A/C	Motor del ventilador del condensador del A/C
A 4	A/C Magnetic Clutch and Lock Sensor	Accouplement magnétique de A/C et capteur de blocage	Embrague magnético del A/C y sensor de bloqueo del A/C
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	Triple pressostat de A/C (double pressostat et pressostat simple de A/C)	Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)
A 6	ABS ECU with Actuator	Dispositif de commande de ECU de ABS	ECU de ABS con actuador
A 7	ABS Speed Sensor Front LH	Capteur de vitesse de ABS avant gauche	Sensor de velocidad de ABS, frontal izquierdo
A 8	ABS Speed Sensor Front RH	Capteur de vitesse de ABS avant droit	Sensor de velocidad de ABS, frontal derecho
A 10	Alternator	Alternateur	Alternador
A 11	Alternator	Alternateur	Alternador
A 12	Ambient Temp. Sensor	Capteur de température ambiante	Sensor de la temperatura ambiente
B 1	Back-Up Light SW	Contacteur de feux de recul	Interruptor de la luz de marcha atrás
B 2	Brake Fluid Level Warning SW	Contacteur de rappel de niveau de liquide de frein	Interruptor de advertencia del nivel del líquido de frenos
C 1	Camshaft Position Sensor	Capteur de position d'arbre à cames	Sensor de posición del árbol de levas
C 3	Crankshaft Position Sensor	Capteur de position de vilebrequin	Sensor de posición del cigueñal
E 1	ECT Solenoid	Solénoide de commande ECT	Solenoide de ECT
E 3	Engine Oil Level Sensor	Capteur de niveau d'huile moteur	Sensor del nivel de aceite del motor
F 1	Front Airbag Sensor LH	Capteur de sac gonflable avant gauche	Sensor del colchón de aire frontal izquierdo
F 2	Front Airbag Sensor RH	Capteur de sac gonflable avant droit	Sensor del colchón de aire frontal derecho
F 3	Front Fog Light LH	Projecteur antibrouillard avant gauche	Luz antiniebla frontal izquierda
F 4	Front Fog Light RH	Projecteur antibrouillard avant droit	Luz antiniebla frontal derecha
F 5	Front Side Turn Signal Light LH	Feu de changement de direction latéral avant gauche	Luz de la señal de giro lateral frontal izquierda
F 6	Front Side Turn Signal Light RH	Feu de changement de direction latéral avant droit	Luz de la señal de giro lateral frontal derecha
F 7	Front Turn Signal Light LH	Feu de changement de direction avant gauche	Luz de la señal de giro delantera izquierda
F 8	Front Turn Signal Light RH	Feu de changement de direction avant droit	Luz de la señal de giro delantera derecha
F 9	Front Washer Motor	Moteur de lave-glace de pare-brise	Motor del lavador frontal
F 10	Front Window Deicer	Dégivreur de glace de pare-brise	Deshelador de la ventanilla delantera
F 11	Front Wiper Motor	Moteur d'essuie-glace de pare-brise	Motor del limpiador frontal
F 15	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 16	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 17	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 18	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 19	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 20	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
H 2	Headlight and Front Clearance Light LH	Projecteur et feu d'encombrement avant gauche	Faro y luz de paso delantera izquierda
H 3	Headlight and Front Clearance Light RH	Projecteur et feu d'encombrement avant droit	Faro y luz de paso delantera derecha
H 4	Headlight Beam Level Control Actuator LH	Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche	Actuador de control del nivel del haz del faro izquierdo
H 5	Headlight Beam Level Control Actuator RH	Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit	Actuador de control del nivel del haz del faro derecho
H 6	Headlight Cleaner Motor	Moteur de lave-projecteur avant	Motor del limpiador del faro
H 7	Headlight Cleaner Relay	Relais de lave-projecteur avant	Relé del limpiador del faro
H 8	Heated Oxygen Sensor	Capteur d'oxygène réchauffé	Sensor de oxígeno calentado
H 9	Horn LH	Avertisseur gauche	Bocina izquierda
H 10	Horn RH	Avertisseur droit	Bocina derecha
I 2	Ignition Coil and Igniter No.1	Bobine d'allumage et allumeur no.1	Bobina de encendido y encendedor N.° 1
I 3	Ignition Coil and Igniter No.2	Bobine d'allumage et allumeur no.2	Bobina de encendido y encendedor N° 2
I 7	Injector No.1	Injecteur no.1	Inyector N° 1
I 8	Injector No.2	Injecteur no.2	Inyector N° 2
I 9	Injector No.3	Injecteur no.3	Inyector N° 3
I 10	Injector No.4	Injecteur no.4	Inyector N°4
I 11	Intake Air Temp. Sensor	Capteur de température d'air d'admission	Sensor de la temperatura del aire de admisión
I 12	ISC Valve	Soupape ISC	Válvula de ISC
K 1	Knock Sensor	Capteur de cognement moteur	Sensor de golpeteo
N 1	Neutral Start SW	Contacteur de démarrage au point mort	Interruptor de arranque en punto muerto
O 1	Oil Pressure SW	Manocontact de pression d'huile	Interruptor de presión de aceite
P 1	Power Steering Oil Pressure SW	Manocontact de pression d'huile de direction assistée	Interruptor de presión de aceite de la servodirección
R 1	Radiator Fan Motor	Moteur de ventilateur de radiateur	Motor del ventilador del radiador
R 2	Rear Washer Motor	Moteur de lave-glace de lunette arrière	Motor del lavador trasero
S 3	Speed Sensor	Capteur de vitesse	Sensor de velocidad
S 5	Starter	Démarreur	Arrancador
S 6	Starter	Démarreur	Arrancador
T 2	Throttle Position Sensor	Capteur de position de papillon d'accélération	Sensor de posición del acelerador
V 1	Vacuum Sensor	Capteur de dépression	Sensor de vacío
V 2	Variable Resistor	Résistance variable	Resistor variable
V 5	VSV (EGR)	VSV (EGR)	VSV (EGR)
W 2	Water Temp. Sensor	Capteur de température d'eau	Sensor de la temperatura del agua

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 7A-FE, 4A-FE Lean Burn Type]

English

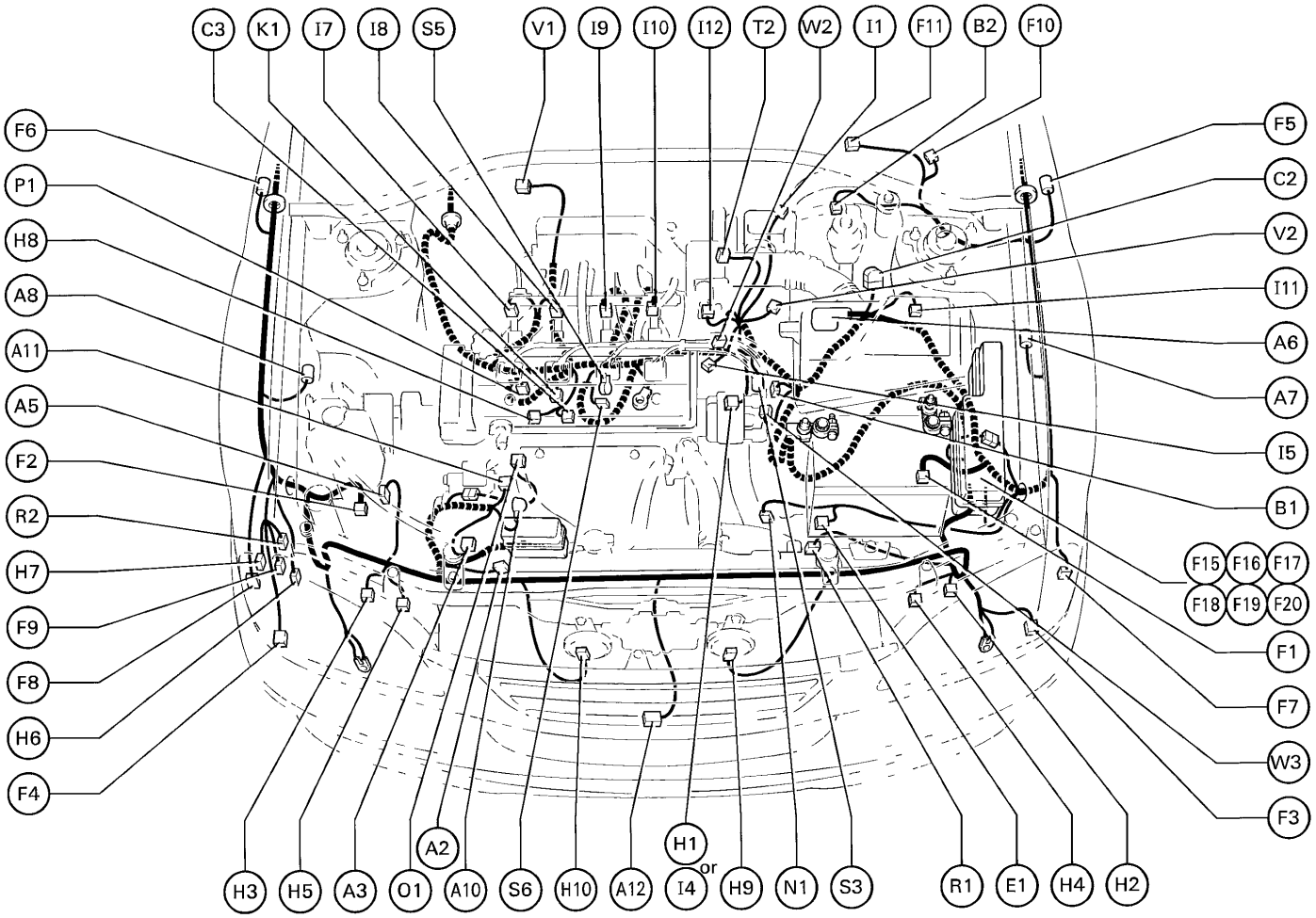


Position of Parts in Engine Compartment

Code	English	*Français*	*Español*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 3	A/C Magnetic Clutch	*Accouplement magnétique de A/C*	*Embrague magnético del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 6	ABS ECU with Actuator	*Dispositif de commande de ECU de ABS*	*ECU de ABS con actuador*
A 7	ABS Speed Sensor Front LH	*Capteur de vitesse de ABS avant gauche*	*Sensor de velocidad de ABS, frontal izquierdo*
A 8	ABS Speed Sensor Front RH	*Capteur de vitesse de ABS avant droit*	*Sensor de velocidad de ABS, frontal derecho*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
C 1	Camshaft Position Sensor	*Capteur de position d'arbre à cames*	*Sensor de posición del árbol de levas*
C 3	Crankshaft Position Sensor	*Capteur de position de vilebrequin*	*Sensor de posición del cigüeñal*
E 1	ECT Solenoid	*Solénoïde de commande ECT*	*Solenoide de ECT*
F 1	Front Airbag Sensor LH	*Capteur de sac gonflable avant gauche*	*Sensor del colchón de aire frontal izquierdo*
F 2	Front Airbag Sensor RH	*Capteur de sac gonflable avant droit*	*Sensor del colchón de aire frontal derecho*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 10	Front Window Deicer	*Dégivreur de glace de pare-brise*	*Deshelador de la ventanilla delantera*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 6	Headlight Cleaner Motor	*Moteur de lave-projecteur avant*	*Motor del limpiador del faro*
H 7	Headlight Cleaner Relay	*Relais de lave-projecteur avant*	*Relé del limpiador del faro*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 2	Ignition Coil and Igniter No.1	*Bobine d'allumage et allumeur no.1*	*Bobina de encendido y encendedor N 1*
I 3	Ignition Coil and Igniter No.2	*Bobine d'allumage et allumeur no 2*	*Bobina de encendido y encendedor N 2*
I 7	Injector No.1	*Injecteur no.1*	*Inyector N. 1*
I 8	Injector No.2	*Injecteur no 2*	*Inyector N.°2*
I 9	Injector No.3	*Injecteur no 3*	*Inyector N.°3*
I 10	Injector No 4	*Injecteur no 4*	*Inyector N.°4*
I 11	Intake Air Temp Sensor	*Capteur de température d'air d'admission*	*Sensor de la temperatura del aire de admisión*
I 12	ISC Valve	*Soupape ISC*	*Válvula de ISC*
K 1	Knock Sensor	*Capteur de cognement moteur*	*Sensor de golpeteo*
L 1	Lean Mixture Sensor	*Capteur de mélange pauvre*	*Sensor de mezcla pobre*
N 1	Neutral Start SW	*Contacteur de démarrage au point mort*	*Interruptor de arranque en punto muerto*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
P 1	Power Steering Oil Pressure SW	*Manocontact de pression d'huile de direction assistée*	*Interruptor de presión de aceite de la servodirección*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 2	Throttle Position Sensor	*Capteur de position de papillon d'accélération*	*Sensor de posición del acelerador*
V 1	Vacuum Sensor	*Capteur de dépression*	*Sensor de vacío*
V 9	VSV (Swirl Control)	*VSV (contrôle de turbulence)*	*VSV (control de turbulencia)*
W 2	Water Temp Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*

Position of Parts in Engine Compartment

[LHD : 4A-FE Stoichiometric Type]



Position of Parts in Engine Compartment

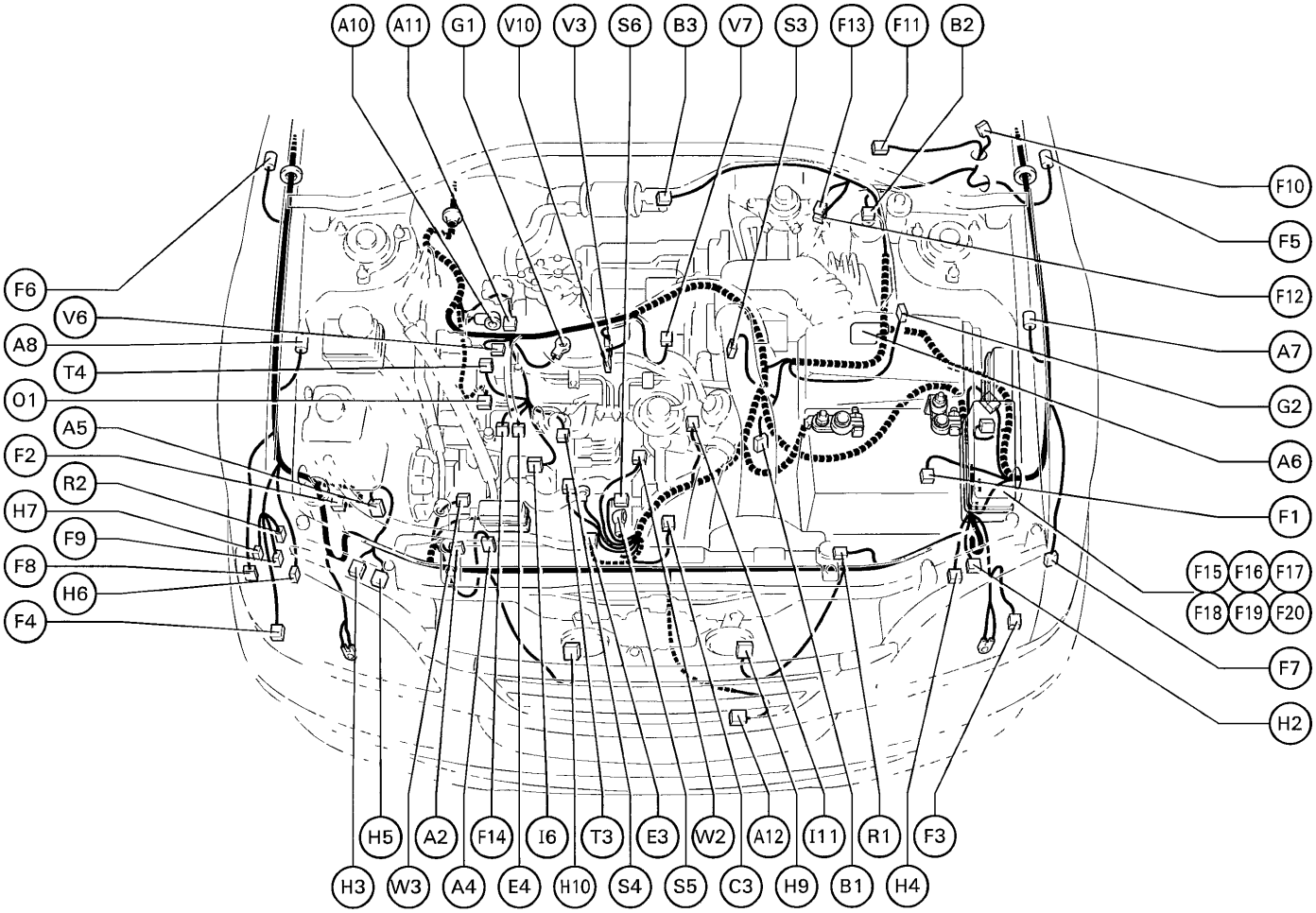
Code	English	*Français*	*Español*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 3	A/C Magnetic Clutch	*Accouplement magnétique de A/C*	*Embrague magnético del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 6	ABS ECU with Actuator	*Dispositif de commande de ECU de ABS*	*ECU de ABS con actuador*
A 7	ABS Speed Sensor Front LH	*Capteur de vitesse de ABS avant gauche*	*Sensor de velocidad de ABS, frontal izquierdo*
A 8	ABS Speed Sensor Front RH	*Capteur de vitesse de ABS avant droit*	*Sensor de velocidad de ABS, frontal derecho*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
C 2	Check Connector	*Bloc raccord de câblage de diagnostic*	*Conector de comprobación*
C 3	Crankshaft Position Sensor	*Capteur de position de vilebrequin*	*Sensor de posición del cigüeñal*
E 1	ECT Solenoid	*Solénoïde de commande ECT*	*Solenoide de ECT*
F 1	Front Airbag Sensor LH	*Capteur de sac gonflable avant gauche*	*Sensor del colchón de aire frontal izquierdo*
F 2	Front Airbag Sensor RH	*Capteur de sac gonflable avant droit*	*Sensor del colchón de aire frontal derecho*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 10	Front Window Deicer	*Dégivreur de glace de pare-brise*	*Deshelador de la ventanilla delantera*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
H 1	Hall Sensor	*Capteur de Hall*	*Sensor de sala*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 6	Headlight Cleaner Motor	*Moteur de lave-projecteur avant*	*Motor del limpiador del faro*
H 7	Headlight Cleaner Relay	*Relais de lave-projecteur avant*	*Relé del limpiador del faro*
H 8	Heated Oxygen Sensor	*Capteur d'oxygène réchauffé*	*Sensor de oxígeno calentado*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 1	Ignition Coil	*Bobine d'allumage*	*Bobina de encendido*
I 4	IIA	*IIA*	*IIA*
I 5	IIA	*IIA*	*IIA*
I 7	Injector No 1	*Injecteur no.1*	*Inyector N.°1*
I 8	Injector No 2	*Injecteur no 2*	*Inyector N.°2*
I 9	Injector No 3	*Injecteur no.3*	*Inyector N. 3*
I 10	Injector No 4	*Injecteur no.4*	*Inyector N.°4*
I 11	Intake Air Temp Sensor	*Capteur de température d'air d'admission*	*Sensor de la temperatura del aire de admisión*
I 12	ISC Valve	*Soupape ISC*	*Válvula de ISC*
K 1	Knock Sensor	*Capteur de cognement moteur*	*Sensor de golpeteo*
N 1	Neutral Start SW	*Contacteur de démarrage au point mort*	*Interruptor de arranque en punto muerto*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
P 1	Power Steering Oil Pressure SW	*Manocontact de pression d'huile de direction assistée*	*Interruptor de presión de aceite de la servodirección*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 2	Throttle Position Sensor	*Capteur de position de papillon d'accélération*	*Sensor de posición del acelerador*
V 1	Vacuum Sensor	*Capteur de dépression*	*Sensor de vacío*
V 2	Variable Resistor	*Résistance variable*	*Resistor variable*
W 2	Water Temp. Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*
W 3	Water Temp. SW	*Contacteur de température d'eau*	*Interruptor de la temperatura del agua*

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 2C-TE]

English



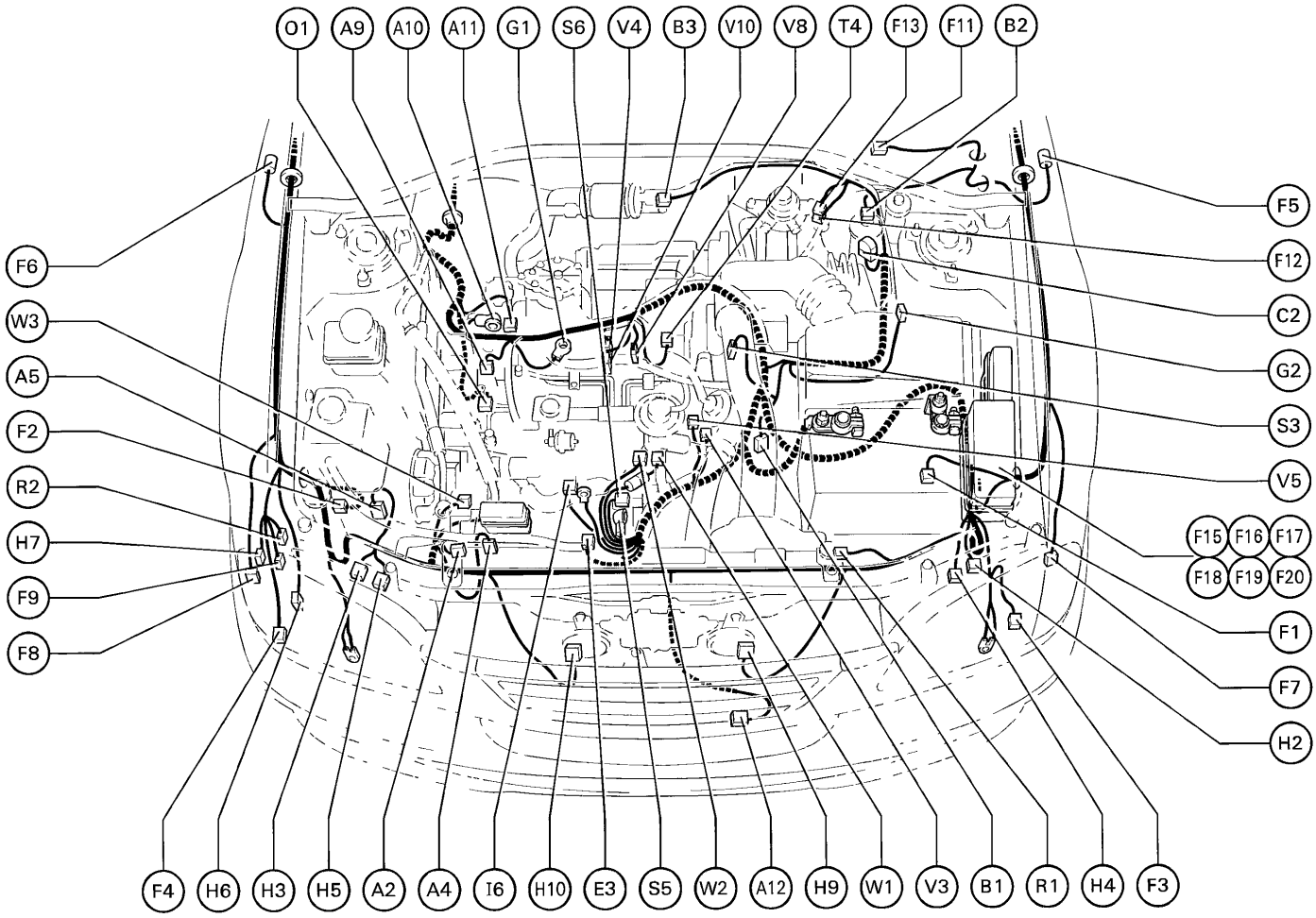
Position of Parts in Engine Compartment

Code	English	*Français*	*Español*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 4	A/C Magnetic Clutch and Lock Sensor	*Accouplement magnétique de A/C et capteur de blocage*	*Embrague magnético del A/C y sensor de bloqueo del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 6	ABS ECU with Actuator	*Dispositif de commande de ECU de ABS*	*ECU de ABS con actuador*
A 7	ABS Speed Sensor Front LH	*Capteur de vitesse de ABS avant gauche*	*Sensor de velocidad de ABS, frontal izquierdo*
A 8	ABS Speed Sensor Front RH	*Capteur de vitesse de ABS avant droit*	*Sensor de velocidad de ABS, frontal derecho*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp. Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
B 3	Brake Vacuum Warning SW	*Contacteur de rappel de dépression de frein*	*Interruptor de advertencia de vacío del freno*
C 3	Crankshaft Position Sensor	*Capteur de position de vilebrequin*	*Sensor de posición del cigüeñal*
E 3	Engine Oil Level Sensor	*Capteur de niveau d'huile moteur*	*Sensor del nivel de aceite del motor*
E 4	Engine Speed Sensor	*Capteur de vitesse de moteur*	*Sensor de la velocidad del motor*
F 1	Front Airbag Sensor LH	*Capteur de sac gonflable avant gauche*	*Sensor del colchón de aire frontal izquierdo*
F 2	Front Airbag Sensor RH	*Capteur de sac gonflable avant droit*	*Sensor del colchón de aire frontal derecho*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 10	Front Window Deicer	*Dégivreur de glace de pare-brise*	*Deshelador de la ventanilla delantera*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 12	Fuel Heater	*Réchauffeur de combustible*	*Calefactor de combustible*
F 13	Fuel Sedimentary SW	*Contacteur d'accumulateur de dépôts d'essence*	*Interruptor de sedimentos de combustible*
F 14	Fuel Temp. Sensor	*Capteur de température de carburant*	*Sensor de la temperatura del combustible*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
G 1	Glow Plug	*Bougies de préchauffage*	*Bujía incandescente*
G 2	Glow Plug Relay	*Relais de bougie de préchauffage*	*Relé de bujía incandescente*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 6	Headlight Cleaner Motor	*Moteur de lave-projecteur avant*	*Motor del limpiador del faro*
H 7	Headlight Cleaner Relay	*Relais de lave-projecteur avant*	*Relé del limpiador del faro*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 6	Injection Pump	*Pompe d'injection*	*Bomba de inyección*
I 11	Intake Air Temp. Sensor	*Capteur de température d'air d'admission*	*Sensor de la temperatura del aire de admisión*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 4	Spill Control Valve	*Soupape de contrôle de décharge*	*Válvula de control de rebose*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 3	Timing Control Valve	*Soupape de contrôle de calage*	*Válvula de control de la distribución*
T 4	Turbo Pressure Sensor	*Capteur de pression de turbocompresseur*	*Sensor de presión turbo*
V 3	VRV (EGR)	*VRV (EGR)*	*VRV (EGR)*
V 6	VSV (Fully Closed)	*VSV (complètement fermée)*	*VSV (completamente cerrada)*
V 7	VSV (Idle Opening)	*VSV (ouverture de ralenti)*	*VSV (abertura de ralentí)*
V 10	VSV (Turbo Pressure Sensor)	*VSV (capteur de pression de turbocompresseur)*	*VSV (sensor de presión turbo)*
W 2	Water Temp Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*
W 3	Water Temp. SW	*Contacteur de température d'eau*	*Interruptor de la temperatura del agua*

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 2C-T]



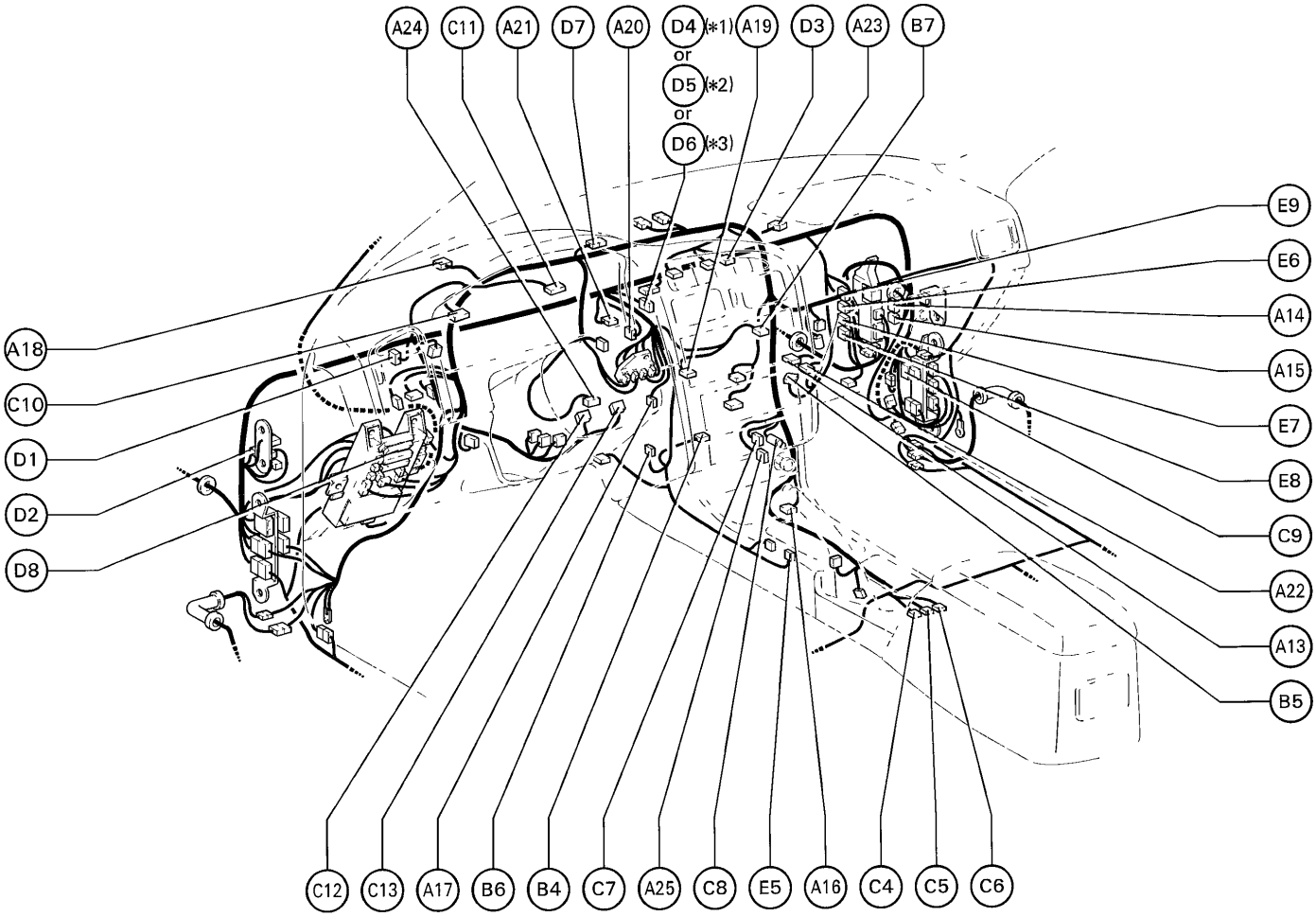
Position of Parts in Engine Compartment

Code	English	*Français*	*Español*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 4	A/C Magnetic Clutch and Lock Sensor	*Accouplement magnétique de A/C et capteur de blocage*	*Embrague magnético del A/C y sensor de bloqueo del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 9	Accelerator Pedal Position Sensor	*Capteur de position de pédale d'accélérateur*	*Sensor de la posición del pedal del acelerador*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp. Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
B 3	Brake Vacuum Warning SW	*Contacteur de rappel de dépression de frein*	*Interruptor de advertencia de vacío del freno*
C 2	Check Connector	*Bloc raccord de câblage de diagnostic*	*Conector de comprobación*
E 3	Engine Oil Level Sensor	*Capteur de niveau d'huile moteur*	*Sensor del nivel de aceite del motor*
F 1	Front Airbag Sensor LH	*Capteur de sac gonflable avant gauche*	*Sensor del colchón de aire frontal izquierdo*
F 2	Front Airbag Sensor RH	*Capteur de sac gonflable avant droit*	*Sensor del colchón de aire frontal derecho*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 12	Fuel Heater	*Réchauffeur de combustible*	*Calefactor de combustible*
F 13	Fuel Sedimentary SW	*Contacteur d'accumulateur de dépôts d'essence*	*Interruptor de sedimentos de combustible*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
G 1	Glow Plug	*Bougies de préchauffage*	*Bujía incandescente*
G 2	Glow Plug Relay	*Relais de bougie de préchauffage*	*Relé de bujía incandescente*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 6	Headlight Cleaner Motor	*Moteur de lave-projecteur avant*	*Motor del limpiador del faro*
H 7	Headlight Cleaner Relay	*Relais de lave-projecteur avant*	*Relé del limpiador del faro*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 6	Injection Pump	*Pompe d'injection*	*Bomba de inyección*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 4	Turbo Pressure Sensor	*Capteur de pression de turbocompresseur*	*Sensor de presión turbo*
V 3	VRV (EGR)	*VRV (EGR)*	*VRV (EGR)*
V 4	VSV (BACS)	*VSV (BACS)*	*VSV (BACS)*
V 5	VSV (EGR)	*VSV (EGR)*	*VSV (EGR)*
V 8	VSV (Idle-Up)	*VSV (de régime ralenti accéléré)*	*VSV (aumento del ralentí)*
V 10	VSV (Turbo Pressure Sensor)	*VSV (capteur de pression de turbocompresseur)*	*VSV (sensor de presión turbo)*
W 1	Water Temp. Sender	*Jauge émettrice de température d'eau*	*Emisor de la temperatura del agua*
W 2	Water Temp. Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*
W 3	Water Temp. SW	*Contacteur de température d'eau*	*Interruptor de la temperatura del agua*

Position of Parts in Instrument Panel

[LHD : Instrument Panel 1]

*1 : 4A-FE Europe Stoichiometric Type
*2 : 3S-FE Europe, Diesel
*3 : 7A-FE, 4A-FE Lean Burn Type

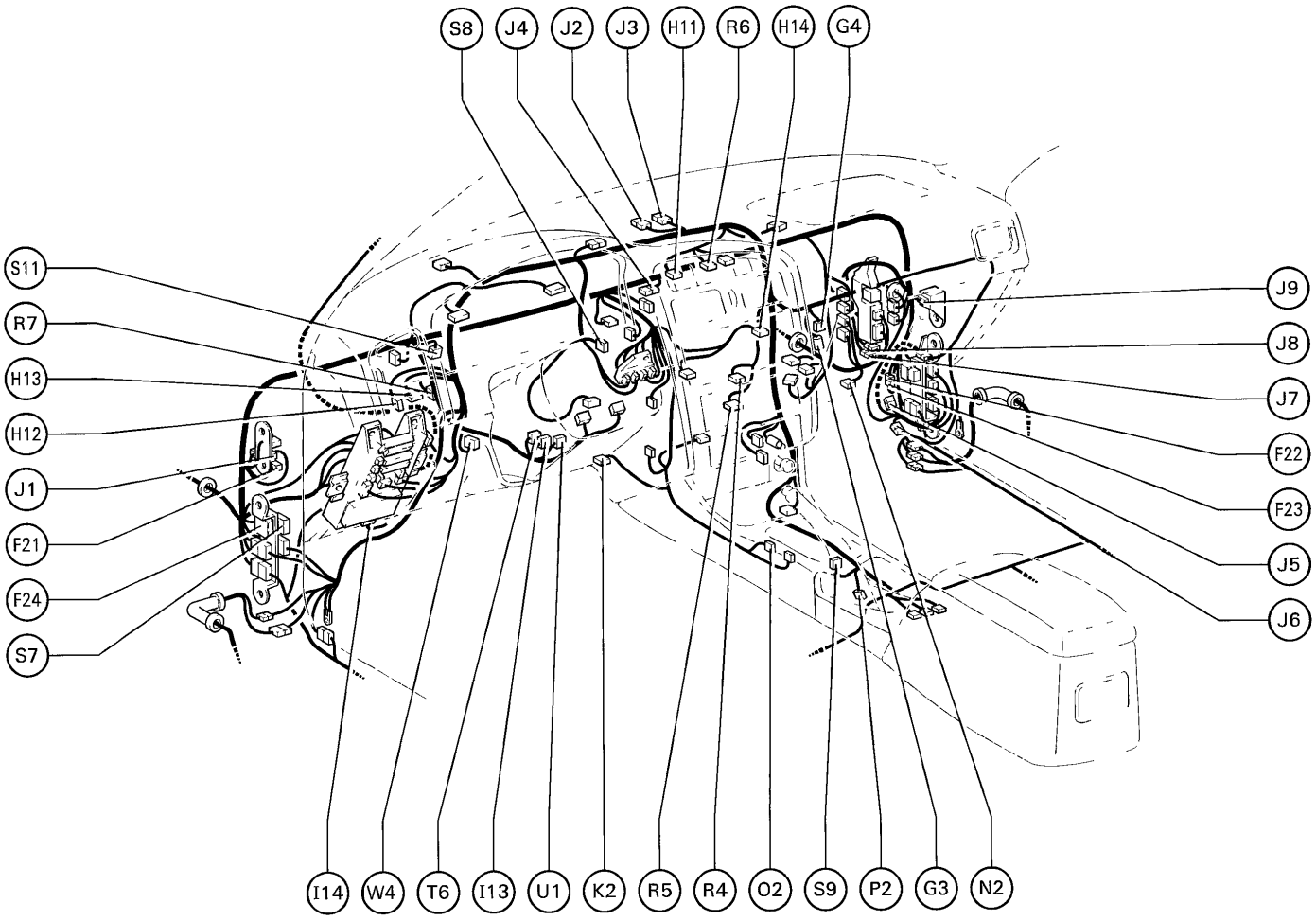


Position of Parts in Instrument Panel

Code	English	*Français*	*Español*
A 13	A/C Amplifier	*Amplificateur de A/C*	*Amplificador del A/C*
A 14	A/C Amplifier (Automatic)	*Amplificateur de A/C (réglage automatique)*	*Amplificador del A/C (automático)*
A 15	A/C Amplifier (Automatic)	*Amplificateur de A/C (réglage automatique)*	*Amplificador del A/C (automático)*
A 16	A/C Evaporator Temp. Sensor	*Capteur de température d'evaporateur de A/C*	*Sensor del temperatura del evaporador del A/C*
A 17	A/C Room Temp. Sensor	*Capteur de température ambiante d'habitacle de A/C*	*Sensor de la temperatura del compartimiento del A/C*
A 18	A/C Solar Sensor	*Capteur solaire de A/C*	*Sensor solar del A/C*
A 19	A/C SW	*Commande de A/C*	*Interruptor del A/C*
A 20	Accelerator Pedal Position Sensor	*Capteur de position de pédale d'accélérateur*	*Sensor de la posición del pedal del acelerador*
A 21	Accelerator Position SW	*Contacteur de position d'accélérateur*	*Interruptor de la posición del acelerador*
A 22	Air Mix Control Servo Motor	*Servomoteur de commande de mélange d'air*	*Servomotor de control de mezcla de aire*
A 23	Airbag Squib (Front Passenger Airbag Assembly)	*Charge explosive de sac gonflable (ensemble de sac gonflable de passager avant)*	*Detonador del colchón de aire (conjunto del colchón de aire del pasajero delantero)*
A 24	Airbag Squib (Steering Wheel Pad)	*Charge explosive de sac gonflable (rembourrage de volant de direction)*	*Detonador del colchón de aire (almohadilla del volante de dirección)*
A 25	Ashtray Illumination	*Eclairage de cendrier*	*Iluminación del cenicero*
B 4	Blower Controller	*Contrôleur de soufflerie*	*Controlador del soplador*
B 5	Blower Motor	*Moteur de soufflerie*	*Motor del soplador*
B 6	Blower Resistor	*Résistance de soufflerie*	*Resistor del soplador*
B 7	Blower SW	*Commande de soufflerie*	*Interruptor del soplador*
C 4	Center Airbag Sensor Assembly	*Ensemble de capteur de sac gonflable central*	*Conjunto del sensor del colchón de aire central*
C 5	Center Airbag Sensor Assembly	*Ensemble de capteur de sac gonflable central*	*Conjunto del sensor del colchón de aire central*
C 6	Center Airbag Sensor Assembly	*Ensemble de capteur de sac gonflable central*	*Conjunto del sensor del colchón de aire central*
C 7	Cigarette Lighter	*Allume-cigare*	*Encendedor de cigarrillos*
C 8	Cigarette Lighter Illumination	*Eclairage d'allume-cigare*	*Iluminación del encendedor de cigarrillos*
C 9	Circuit Opening Relay	*Relais d'ouverture de circuit*	*Relé de abertura del circuito*
C 10	Combination Meter	*Combiné de bord*	*Medidor de combinación*
C 11	Combination Meter	*Combiné de bord*	*Medidor de combinación*
C 12	Combination SW	*Commande combinée*	*Interruptor de combinación*
C 13	Combination SW	*Commande combinée*	*Interruptor de combinación*
D 1	Daytime Running Light Relay	*Relais de dispositifs d'éclairage de conduite de jour*	*Relé de la luz de marcha diurna*
D 2	Defogger Relay	*Relais de désembueur*	*Relé del desempañador*
D 3	Deicer SW or Short Connector (Deicer SW)	*Commutateur de dégivreur et bloc raccord de shunt (commutateur de dégivreur)*	*Interruptor del deshelador o conector cortocircuitador (interruptor del deshelador)*
D 4	Diode (EFI)	*Diode (EFI)*	*Diodo (EFI)*
D 5	Diode (Idle-Up)	*Diode (de régime ralenti accéléré)*	*Diodo (aumento del ralentí)*
D 6	Diode (Idle-Up)	*Diode (de régime ralenti accéléré)*	*Diodo (aumento del ralentí)*
D 7	Diode (Power)	*Diode (d'alimentation)*	*Diodo (potencia)*
D 8	DLC3	*DLC3*	*DLC3*
E 5	ECT Pattern Select SW	*Sélecteur de mode de sélection de rapport de boîte ECT*	*Selector de patrón de ECT*
E 6	Engine ECU (M/T) or Engine and ECT ECU (A/T)	*ECU de moteur (M/T) ou ECU de moteur et de boîte ECT (A/T)*	*ECU del motor (M/T) o ECU del motor y ECT (A/T)*
E 7	Engine ECU (M/T) or Engine and ECT ECU (A/T)	*ECU de moteur (M/T) ou ECU de moteur et de boîte ECT (A/T)*	*ECU del motor (M/T) o ECU del motor y ECT (A/T)*
E 8	Engine ECU (M/T) or Engine and ECT ECU (A/T)	*ECU de moteur (M/T) ou ECU de moteur et de boîte ECT (A/T)*	*ECU del motor (M/T) o ECU del motor y ECT (A/T)*
E 9	Engine ECU	*ECU de moteur*	*ECU del motor*

Position of Parts in Instrument Panel

[LHD : Instrument Panel 2]



Position of Parts in Instrument Panel

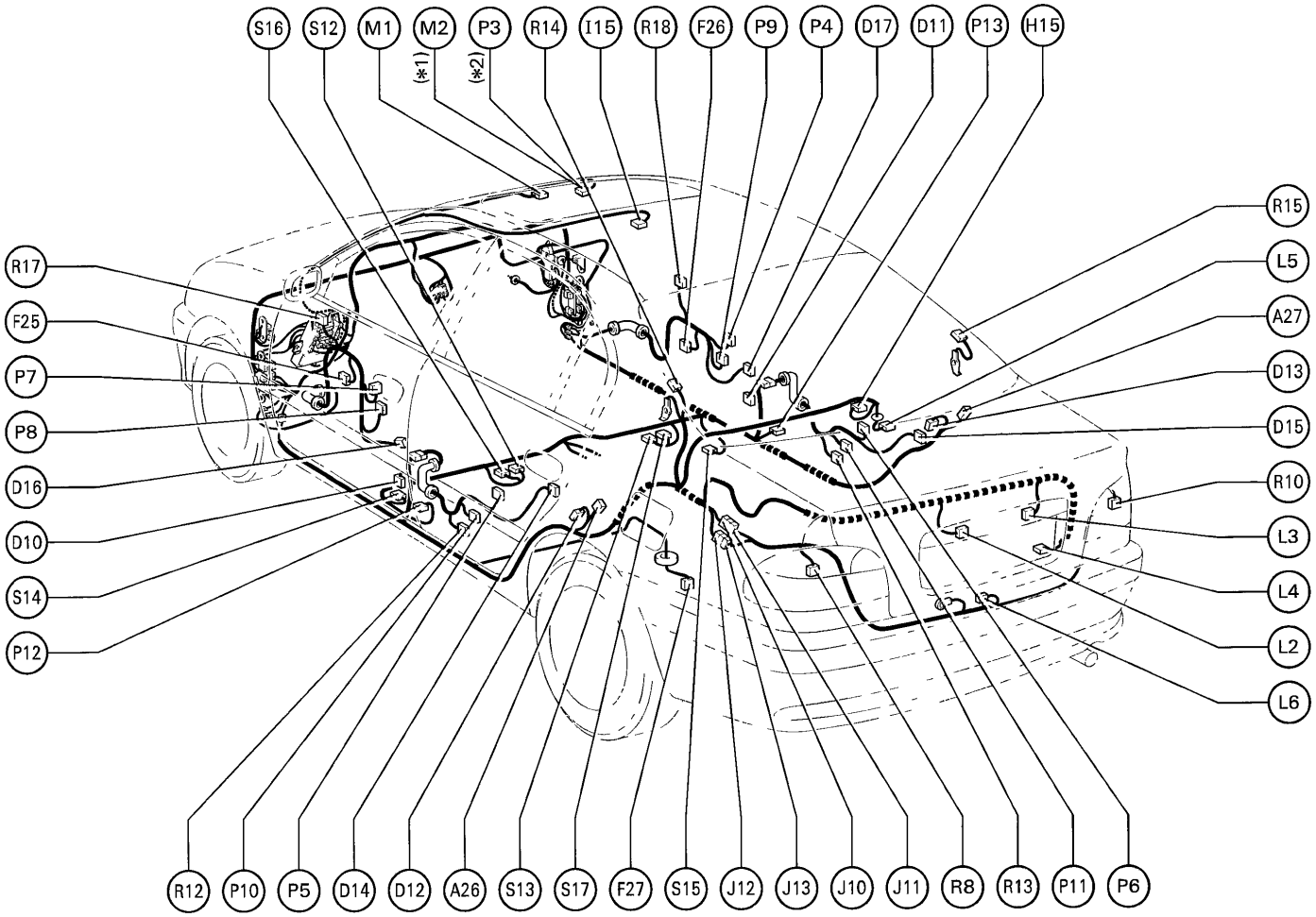
Code	English	*Français*	*Español*
F 21	Front Fog Light Relay	*Relais de projecteur antibrouillard avant*	*Relé de las luces antiniebla delanteras*
F 22	Fuel Control Connector	*Bloc raccord de câblage de contrôle d'alimentation d'essence*	*Conector de control de combustible*
F 23	Fuel Control Connector	*Bloc raccord de câblage de contrôle d'alimentation d'essence*	*Conector de control de combustible*
F 24	Fuse Box	*Boîte de servitude*	*Caja de fusibles*
G 3	Glove Box Light	*Eclairage de boîte à gants*	*Luz de la guantera*
G 4	Glove Box Light SW	*Contacteur d'éclairage de boîte à gants*	*Interruptor de la luz de la guantera*
H 11	Hazard SW	*Commande de feux de détresse*	*Interruptor de peligro*
H 12	Headlight Beam Level Control SW	*Commande de réglage d'orientation de faisceau de projecteur avant*	*Interruptor de control del nivel del haz del faro*
H 13	Headlight Cleaner SW	*Commande de lave-projecteur avant*	*Interruptor del limpiador del faro*
H 14	Heater Control SW	*Commande de chauffage*	*Interruptor de control del calefactor*
I 13	Ignition SW	*Contacteur d'allumage*	*Interruptor de encendido*
I 14	Integration Relay	*Relais d'intégration*	*Relé de integración*
J 1	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 2	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 3	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 4	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 5	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 6	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 7	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 8	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 9	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
K 2	Kick Down SW	*Contacteur de rétrogradation*	*Interruptor del retirador*
N 2	Noise Filter (Ignition System)	*Filtre antiparasites (système d'allumage)*	*Filtro de ruido (sistema de encendido)*
O 2	O/D Main SW	*Commande principale de O/D*	*Interruptor principal de O/D*
P 2	Parking Brake SW	*Contacteur de frein de stationnement*	*Interruptor del freno de estacionamiento*
R 4	Radio and Player	*Autoradio et lecteur de cassettes*	*Radio y reproductor*
R 5	Radio and Player	*Autoradio et lecteur de cassettes*	*Radio y reproductor*
R 6	Rear Window Defogger SW	*Commande de désembueur de glace de lunette arrière*	*Interruptor del desempañador de la ventanilla trasera*
R 7	Remote Control Mirror SW	*Commande de rétroviseur à commande électrique*	*Interruptor del espejo retrovisor de control remoto*
S 7	Seat Heater Relay	*Relais de chauffage de siège*	*Relé del calefactor del asiento*
S 8	Seat Heater SW (Driver's Seat)	*Commande de chauffage de siège (siège de conducteur)*	*Interruptor del calefactor del asiento (asiento del conductor)*
S 9	Seat Heater SW (Front Passenger's Seat)	*Commande de chauffage de siège (siège de passager avant)*	*Interruptor del calefactor del asiento (asiento del pasajero delantero)*
S 11	Stop Light SW	*Contacteur de feux stop*	*Interruptor de la luz de parada*
T 6	Transponder Key ECU	*ECU de clé de transpondeur*	*ECU de la llave de transmisor*
U 1	Unlock Warning SW	*Contacteur de rappel de libération*	*Interruptor de advertencia de desbloqueo*
W 4	Wireless Door Lock ECU	*ECU de condamnation de porte à commande radio*	*ECU de bloqueo de la puerta inalámbrico*

G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : S/D]

*1 : w/ Moon Roof
*2 : w/o Moon Roof



Position of Parts in Body

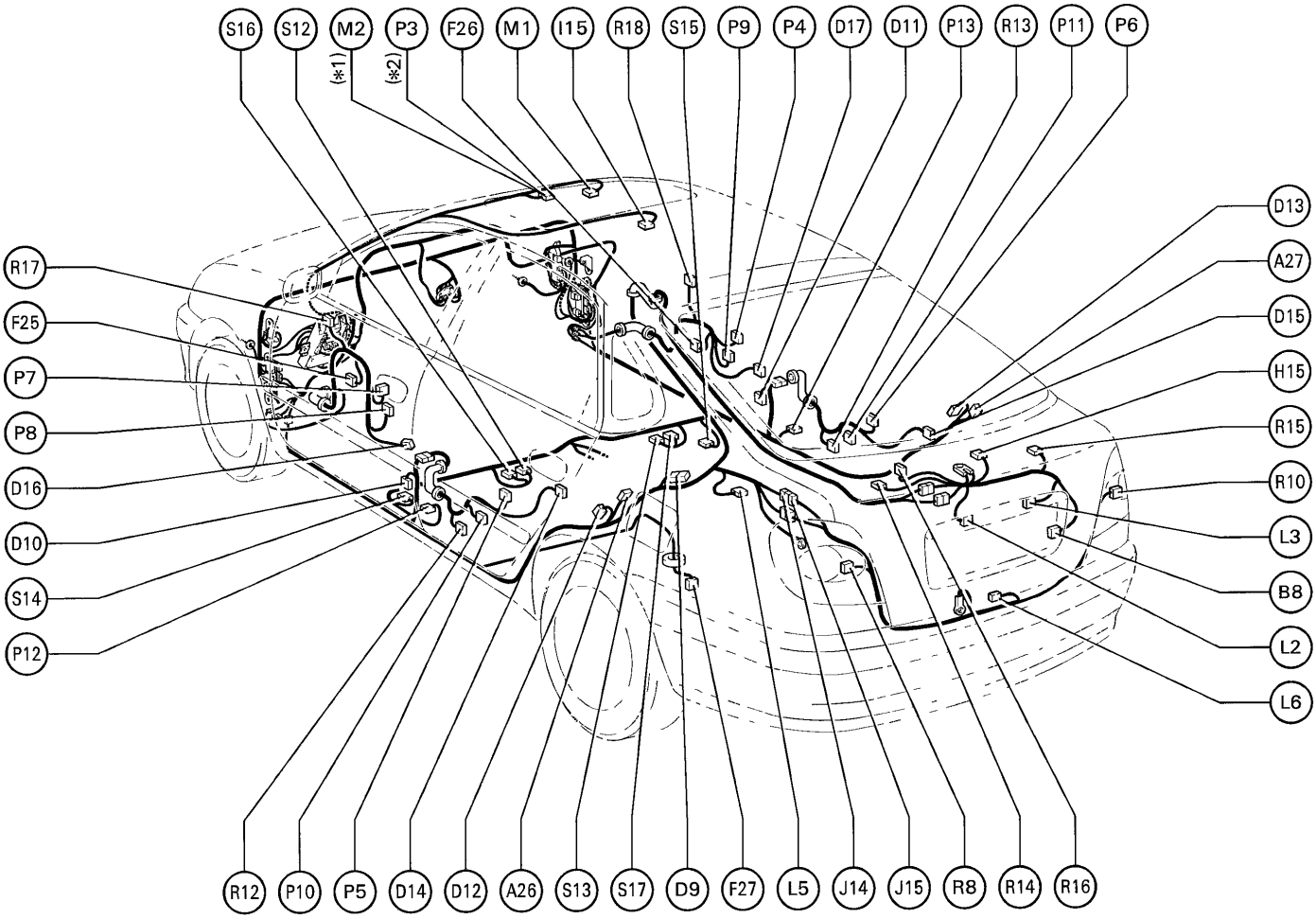
Code	English	*Français*	*Español*
A 26	ABS Speed Sensor Rear LH	*Capteur de vitesse de ABS arrière gauche*	*Sensor de velocidad de ABS, trasero izquierdo*
A 27	ABS Speed Sensor Rear RH	*Capteur de vitesse de ABS arrière droit*	*Sensor de velocidad de ABS, trasero derecho*
D 10	Door Courtesy SW Front LH	*Contacteur d'éclairage de courtoisie sur porte avant gauche*	*Interruptor de cortesía de la puerta frontal izquierda*
D 11	Door Courtesy SW Front RH	*Contacteur d'éclairage de courtoisie sur porte avant droite*	*Interruptor de cortesía de la puerta frontal derecha*
D 12	Door Courtesy SW Rear LH	*Contacteur d'éclairage de courtoisie sur porte arrière gauche*	*Interruptor de cortesía de la puerta trasera izquierda*
D 13	Door Courtesy SW Rear RH	*Contacteur d'éclairage de courtoisie sur porte arrière droite*	*Interruptor de cortesía de la puerta trasera derecha*
D 14	Door Lock Motor Rear LH	*Moteur de condamnation de porte arrière gauche*	*Motor de bloqueo de la puerta trasera izquierda*
D 15	Door Lock Motor Rear RH	*Moteur de condamnation de porte arrière droite*	*Motor de bloqueo de la puerta trasera derecha*
D 16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant gauche*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera izquierda*
D 17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant droit*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera derecha*
F 25	Front Door Speaker LH	*Haut-parleur de porte avant gauche*	*Altavoz de la puerta frontal izquierda*
F 26	Front Door Speaker RH	*Haut-parleur de porte avant droite*	*Altavoz de la puerta frontal derecha*
F 27	Fuel Sender and Fuel Pump	*Jauge émettrice de niveau d'essence et pompe d'alimentation*	*Emisor de combustible y bomba de combustible*
H 15	High Mounted Stop Light	*Feux stop à implantation haute*	*Luz de parada de montura alta*
I 15	Interior Light	*Plafonnier*	*Luz interior*
J 10	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 11	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 12	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 13	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
L 2	License Plate Light LH	*Eclairage de plaque minéralogique gauche*	*Luz de la matrícula izquierda*
L 3	License Plate Light RH	*Eclairage de plaque minéralogique droit*	*Luz de la matrícula derecha*
L 4	Luggage Compartment Door Lock Motor	*Moteur de condamnation de porte de compartiment à bagages*	*Motor de bloqueo de la puerta del portaequipajes*
L 5	Luggage Room Light	*Eclairage d'espace de rangement des bagages*	*Luz del portaequipajes*
L 6	Luggage Room Light SW	*Contacteur d'eclairage d'espace de rangement des bagages*	*Interruptor de la luz del portaequipajes*
M 1	Moon Roof Control Relay and Motor	*Relais de commande de toit ouvrant et moteur*	*Relé y motor de control del techo lunar*
M 2	Moon Roof Control SW	*Commande de toit ouvrant*	*Interruptor de control del techo lunar*
P 3	Personal Light	*Projecteur individuel*	*Luz personal*
P 4	Power Window Control SW (Front Passenger Side)	*Commande de lève-glace électrique (côté passager avant)*	*Interruptor de control de la ventanilla automática (lado del pasajero frontal)*
P 5	Power Window Control SW Rear LH	*Commande de lève-glace électrique arrière gauche*	*Interruptor de control de la ventanilla automática trasera izquierda*
P 6	Power Window Control SW Rear RH	*Commande de lève-glace électrique arrière droit*	*Interruptor de control de la ventanilla automática trasera derecha*
P 7	Power Window Master SW	*Commande générale de lève-glace électrique*	*Interruptor principal de la ventanilla automática*
P 8	Power Window Motor (Driver Side)	*Moteur de lève-glace électrique (côté conducteur)*	*Motor de la ventanilla automática (lado del conductor)*
P 9	Power Window Motor (Front Passenger Side)	*Moteur de lève-glace électrique (côté passager avant)*	*Motor de la ventanilla automática (lado del pasajero delantero)*
P 10	Power Window Motor Rear LH	*Moteur de lève-glace électrique arrière gauche*	*Motor de la ventanilla automática trasera izquierda*
P 11	Power Window Motor Rear RH	*Moteur de lève-glace électrique arrière droit*	*Motor de la ventanilla automática trasera derecha*
P 12	Pretensioner LH	*Prétendeur gauche*	*Pretensor izquierdo*
P 13	Pretensioner RH	*Prétendeur droit*	*Pretensor derecho*
R 8	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 10	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 12	Rear Door Speaker LH	*Haut-parleur de porte arrière gauche*	*Altavoz de la puerta trasera izquierda*
R 13	Rear Door Speaker RH	*Haut-parleur de porte arrière droit*	*Altavoz de la puerta trasera derecha*
R 14	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 15	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 17	Remote Control Mirror LH	*Rétroviseur à commande électrique gauche*	*Espejo retrovisor de control remoto izquierdo*
R 18	Remote Control Mirror RH	*Rétroviseur à commande électrique droit*	*Espejo retrovisor de control remoto derecho*
S 12	Seat Heater (Driver's Seat)	*Chauffage de siège (siège de conducteur)*	*Calefactor del asiento (asiento del conductor)*
S 13	Seat Heater (Front Passenger's Seat)	*Chauffage de siège (siège de passager avant)*	*Calefactor del asiento (asiento del pasajero delantero)*
S 14	Side Airbag Sensor LH	*Capteur de sac gonflable latéral gauche*	*Sensor del colchón de aire lateral izquierdo*
S 15	Side Airbag Sensor RH	*Capteur de sac gonflable latéral droit*	*Sensor del colchón de aire lateral derecho*
S 16	Side Airbag Squib LH	*Charge explosive de sac gonflable latéral gauche*	*Detonador del colchón de aire lateral izquierdo*
S 17	Side Airbag Squib RH	*Charge explosive de sac gonflable latéral droit*	*Detonador del colchón de aire lateral derecho*

G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : L/B]

*1 : w/ Moon Roof
*2 : w/o Moon Roof



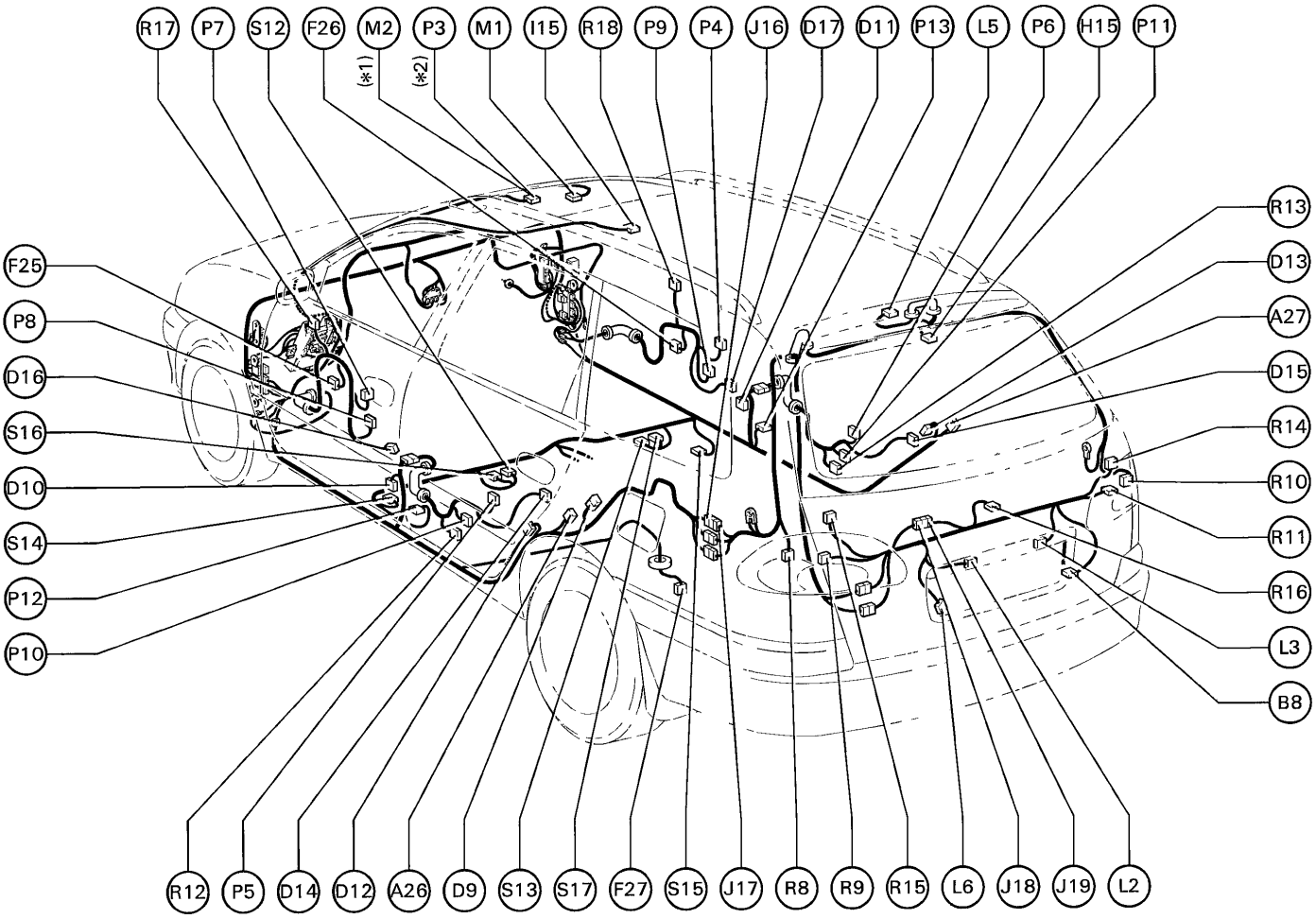
Position of Parts in Body

Code	English	*Français*	*Español*
A 26	ABS Speed Sensor Rear LH	*Capteur de vitesse de ABS arrière gauche*	*Sensor de velocidad de ABS, trasero izquierdo*
A 27	ABS Speed Sensor Rear RH	*Capteur de vitesse de ABS arrière droit*	*Sensor de velocidad de ABS, trasero derecho*
B 8	Back Door Lock Motor	*Moteur de condamnation de hayon*	*Motor de bloqueo de la puerta posterior*
D 9	Diode (Luggage Room Light)	*Diode (eclairage d'espace de rangement des bagages)*	*Diodo (luz del portaequipajes)*
D 10	Door Courtesy SW Front LH	*Contacteur d'éclairage de courtoisie sur porte avant gauche*	*Interruptor de cortesía de la puerta frontal izquierda*
D 11	Door Courtesy SW Front RH	*Contacteur d'éclairage de courtoisie sur porte avant droite*	*Interruptor de cortesía de la puerta frontal derecha*
D 12	Door Courtesy SW Rear LH	*Contacteur d'éclairage de courtoisie sur porte arrière gauche*	*Interruptor de cortesía de la puerta trasera izquierda*
D 13	Door Courtesy SW Rear RH	*Contacteur d'éclairage de courtoisie sur porte arrière droite*	*Interruptor de cortesía de la puerta trasera derecha*
D 14	Door Lock Motor Rear LH	*Moteur de condamnation de porte arrière gauche*	*Motor de bloqueo de la puerta trasera izquierda*
D 15	Door Lock Motor Rear RH	*Moteur de condamnation de porte arrière droite*	*Motor de bloqueo de la puerta trasera derecha*
D 16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant gauche*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera izquierda*
D 17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant droit*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera derecha*
F 25	Front Door Speaker LH	*Haut-parleur de porte avant gauche*	*Altavoz de la puerta frontal izquierda*
F 26	Front Door Speaker RH	*Haut-parleur de porte avant droite*	*Altavoz de la puerta frontal derecha*
F 27	Fuel Sender and Fuel Pump	*Jauge émettrice de niveau d'essence et pompe d'alimentation*	*Emisor de combustible y bomba de combustible*
H 15	High Mounted Stop Light	*Feux stop à implantation haute*	*Luz de parada de montura alta*
I 15	Interior Light	*Plafonnier*	*Luz interior*
J 14	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 15	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
L 2	License Plate Light LH	*Eclairage de plaque minéralogique gauche*	*Luz de la matrícula izquierda*
L 3	License Plate Light RH	*Eclairage de plaque minéralogique droit*	*Luz de la matrícula derecha*
L 5	Luggage Room Light	*Eclairage d'espace de rangement des bagages*	*Luz del portaequipajes*
L 6	Luggage Room Light SW	*Contacteur d'eclairage d'espace de rangement des bagages*	*Interruptor de la luz del portaequipajes*
M 1	Moon Roof Control Relay and Motor	*Relais de commande de toit ouvrant et moteur*	*Relé y motor de control del techo lunar*
M 2	Moon Roof Control SW	*Commande de toit ouvrant*	*Interruptor de control del techo lunar*
P 3	Personal Light	*Projecteur individuel*	*Luz personal*
P 4	Power Window Control SW (Front Passenger Side)	*Commande de lève-glace électrique (côté passager avant)*	*Interruptor de control de la ventanilla automática (lado del pasajero frontal)*
P 5	Power Window Control SW Rear LH	*Commande de lève-glace électrique arrière gauche*	*Interruptor de control de la ventanilla automática trasera izquierda*
P 6	Power Window Control SW Rear RH	*Commande de lève-glace électrique arrière droit*	*Interruptor de control de la ventanilla automática trasera derecha*
P 7	Power Window Master SW	*Commande générale de lève-glace électrique*	*Interruptor principal de la ventanilla automática*
P 8	Power Window Motor (Driver Side)	*Moteur de lève-glace électrique (côté conducteur)*	*Motor de la ventanilla automática (lado del conductor)*
P 9	Power Window Motor (Front Passenger Side)	*Moteur de lève-glace électrique (côté passager avant)*	*Motor de la ventanilla automática (lado del pasajero delantero)*
P 10	Power Window Motor Rear LH	*Moteur de lève-glace électrique arrière gauche*	*Motor de la ventanilla automática trasera izquierda*
P 11	Power Window Motor Rear RH	*Moteur de lève-glace électrique arrière droit*	*Motor de la ventanilla automática trasera derecha*
P 12	Pretensioner LH	*Prétendeur gauche*	*Pretensor izquierdo*
P 13	Pretensioner RH	*Prétendeur droit*	*Pretensor derecho*
R 8	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 10	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 12	Rear Door Speaker LH	*Haut-parleur de porte arrière gauche*	*Altavoz de la puerta trasera izquierda*
R 13	Rear Door Speaker RH	*Haut-parleur de porte arrière droit*	*Altavoz de la puerta trasera derecha*
R 14	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 15	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 16	Rear Wiper Motor and Relay	*Moteur d'essuie-glace de lunette arrière et relais*	*Motor y relé del limpiador trasero*
R 17	Remote Control Mirror LH	*Rétroviseur à commande électrique gauche*	*Espejo retrovisor de control remoto izquierdo*
R 18	Remote Control Mirror RH	*Rétroviseur à commande électrique droit*	*Espejo retrovisor de control remoto derecho*
S 12	Seat Heater (Driver's Seat)	*Chauffage de siège (siège de conducteur)*	*Calefactor del asiento (asiento del conductor)*
S 13	Seat Heater (Front Passenger's Seat)	*Chauffage de siège (siège de passager avant)*	*Calefactor del asiento (asiento del pasajero delantero)*
S 14	Side Airbag Sensor LH	*Capteur de sac gonflable latéral gauche*	*Sensor del colchón de aire lateral izquierdo*
S 15	Side Airbag Sensor RH	*Capteur de sac gonflable latéral droit*	*Sensor del colchón de aire lateral derecho*
S 16	Side Airbag Squib LH	*Charge explosive de sac gonflable latéral gauche*	*Detonador del colchón de aire lateral izquierdo*
S 17	Side Airbag Squib RH	*Charge explosive de sac gonflable latéral droit*	*Detonador del colchón de aire lateral derecho*

Position of Parts in Body

[LHD : W/G]

*1 : w/ Moon Roof
*2 : w/o Moon Roof



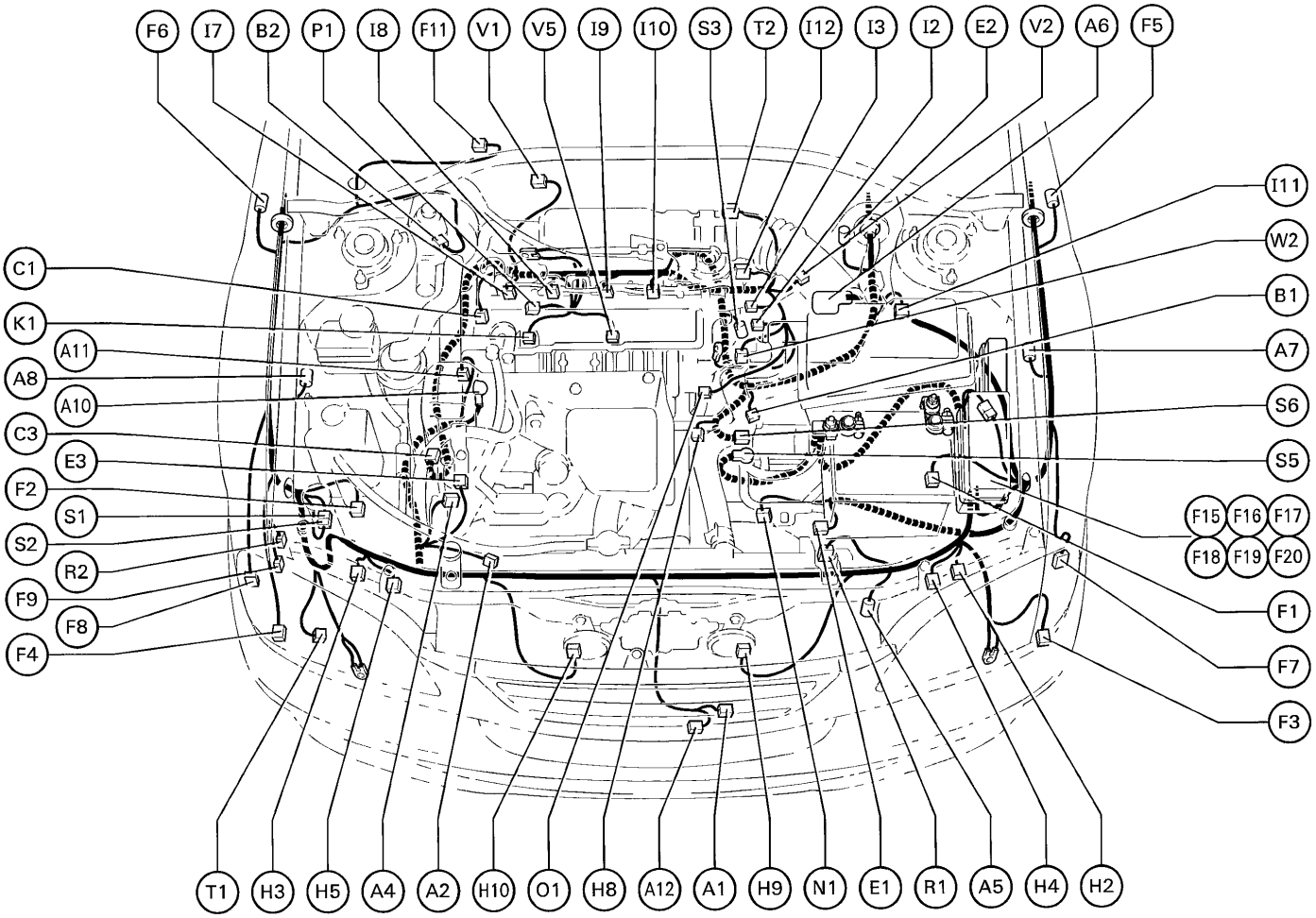
Position of Parts in Body

Code	English	*Français*	*Español*
A 26	ABS Speed Sensor Rear LH	*Capteur de vitesse de ABS arrière gauche*	*Sensor de velocidad de ABS, trasero izquierdo*
A 27	ABS Speed Sensor Rear RH	*Capteur de vitesse de ABS arrière droit*	*Sensor de velocidad de ABS, trasero derecho*
B 8	Back Door Lock Motor	*Moteur de condamnation de hayon*	*Motor de bloqueo de la puerta posterior*
D 9	Diode (Luggage Room Light)	*Diode (eclairage d'espace de rangement des bagages)*	*Diodo (luz del portaequipajes)*
D 10	Door Courtesy SW Front LH	*Contacteur d'éclairage de courtoisie sur porte avant gauche*	*Interruptor de cortesía de la puerta frontal izquierda*
D 11	Door Courtesy SW Front RH	*Contacteur d'éclairage de courtoisie sur porte avant droite*	*Interruptor de cortesía de la puerta frontal derecha*
D 12	Door Courtesy SW Rear LH	*Contacteur d'éclairage de courtoisie sur porte arrière gauche*	*Interruptor de cortesía de la puerta trasera izquierda*
D 13	Door Courtesy SW Rear RH	*Contacteur d'éclairage de courtoisie sur porte arrière droite*	*Interruptor de cortesía de la puerta trasera derecha*
D 14	Door Lock Motor Rear LH	*Moteur de condamnation de porte arrière gauche*	*Motor de bloqueo de la puerta trasera izquierda*
D 15	Door Lock Motor Rear RH	*Moteur de condamnation de porte arrière droite*	*Motor de bloqueo de la puerta trasera derecha*
D 16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant gauche*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera izquierda*
D 17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant droit*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera derecha*
F 25	Front Door Speaker LH	*Haut-parleur de porte avant gauche*	*Altavoz de la puerta frontal izquierda*
F 26	Front Door Speaker RH	*Haut-parleur de porte avant droite*	*Altavoz de la puerta frontal derecha*
F 27	Fuel Sender and Fuel Pump	*Jauge émettrice de niveau d'essence et pompe d'alimentation*	*Emisor de combustible y bomba de combustible*
H 15	High Mounted Stop Light	*Feux stop à implantation haute*	*Luz de parada de montura alta*
I 15	Interior Light	*Plafonnier*	*Luz interior*
J 16	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 17	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 18	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 19	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
L 2	License Plate Light LH	*Eclairage de plaque minéralogique gauche*	*Luz de la matrícula izquierda*
L 3	License Plate Light RH	*Eclairage de plaque minéralogique droit*	*Luz de la matrícula derecha*
L 5	Luggage Room Light	*Eclairage d'espace de rangement des bagages*	*Luz del portaequipajes*
L 6	Luggage Room Light SW	*Contacteur d'eclairage d'espace de rangement des bagages*	*Interruptor de la luz del portaequipajes*
M 1	Moon Roof Control Relay and Motor	*Relais de commande de toit ouvrant et moteur*	*Relé y motor de control del techo lunar*
M 2	Moon Roof Control SW	*Commande de toit ouvrant*	*Interruptor de control del techo lunar*
P 3	Personal Light	*Projecteur individuel*	*Luz personal*
P 4	Power Window Control SW (Front Passenger Side)	*Commande de lève-glace électrique (côté passager avant)*	*Interruptor de control de la ventanilla automática (lado del pasajero frontal)*
P 5	Power Window Control SW Rear LH	*Commande de lève-glace électrique arrière gauche*	*Interruptor de control de la ventanilla automática trasera izquierda*
P 6	Power Window Control SW Rear RH	*Commande de lève-glace électrique arrière droit*	*Interruptor de control de la ventanilla automática trasera derecha*
P 7	Power Window Master SW	*Commande générale de lève-glace électrique*	*Interruptor principal de la ventanilla automática*
P 8	Power Window Motor (Driver Side)	*Moteur de lève-glace électrique (côté conducteur)*	*Motor de la ventanilla automática (lado del conductor)*
P 9	Power Window Motor (Front Passenger Side)	*Moteur de lève-glace électrique (côté passager avant)*	*Motor de la ventanilla automática (lado del pasajero delantero)*
P 10	Power Window Motor Rear LH	*Moteur de lève-glace électrique arrière gauche*	*Motor de la ventanilla automática trasera izquierda*
P 11	Power Window Motor Rear RH	*Moteur de lève-glace électrique arrière droit*	*Motor de la ventanilla automática trasera derecha*
P 12	Pretensioner LH	*Prétendeur gauche*	*Pretensor izquierdo*
P 13	Pretensioner RH	*Prétendeur droit*	*Pretensor derecho*
R 8	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 9	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 10	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 11	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 12	Rear Door Speaker LH	*Haut-parleur de porte arrière gauche*	*Altavoz de la puerta trasera izquierda*
R 13	Rear Door Speaker RH	*Haut-parleur de porte arrière droit*	*Altavoz de la puerta trasera derecha*
R 14	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 15	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 16	Rear Wiper Motor and Relay	*Moteur d'essuie-glace de lunette arrière et relais*	*Motor y relé del limpiador trasero*
R 17	Remote Control Mirror LH	*Rétroviseur à commande électrique gauche*	*Espejo retrovisor de control remoto izquierdo*
R 18	Remote Control Mirror RH	*Rétroviseur à commande électrique droit*	*Espejo retrovisor de control remoto derecho*
S 12	Seat Heater (Driver's Seat)	*Chauffage de siège (siège de conducteur)*	*Calefactor del asiento (asiento del conductor)*
S 13	Seat Heater (Front Passenger's Seat)	*Chauffage de siège (siège de passager avant)*	*Calefactor del asiento (asiento del pasajero delantero)*
S 14	Side Airbag Sensor LH	*Capteur de sac gonflable latéral gauche*	*Sensor del colchón de aire lateral izquierdo*
S 15	Side Airbag Sensor RH	*Capteur de sac gonflable latéral droit*	*Sensor del colchón de aire lateral derecho*
S 16	Side Airbag Squib LH	*Charge explosive de sac gonflable latéral gauche*	*Detonador del colchón de aire lateral izquierdo*
S 17	Side Airbag Squib RH	*Charge explosive de sac gonflable latéral droit*	*Detonador del colchón de aire lateral derecho*

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 3S-FE]

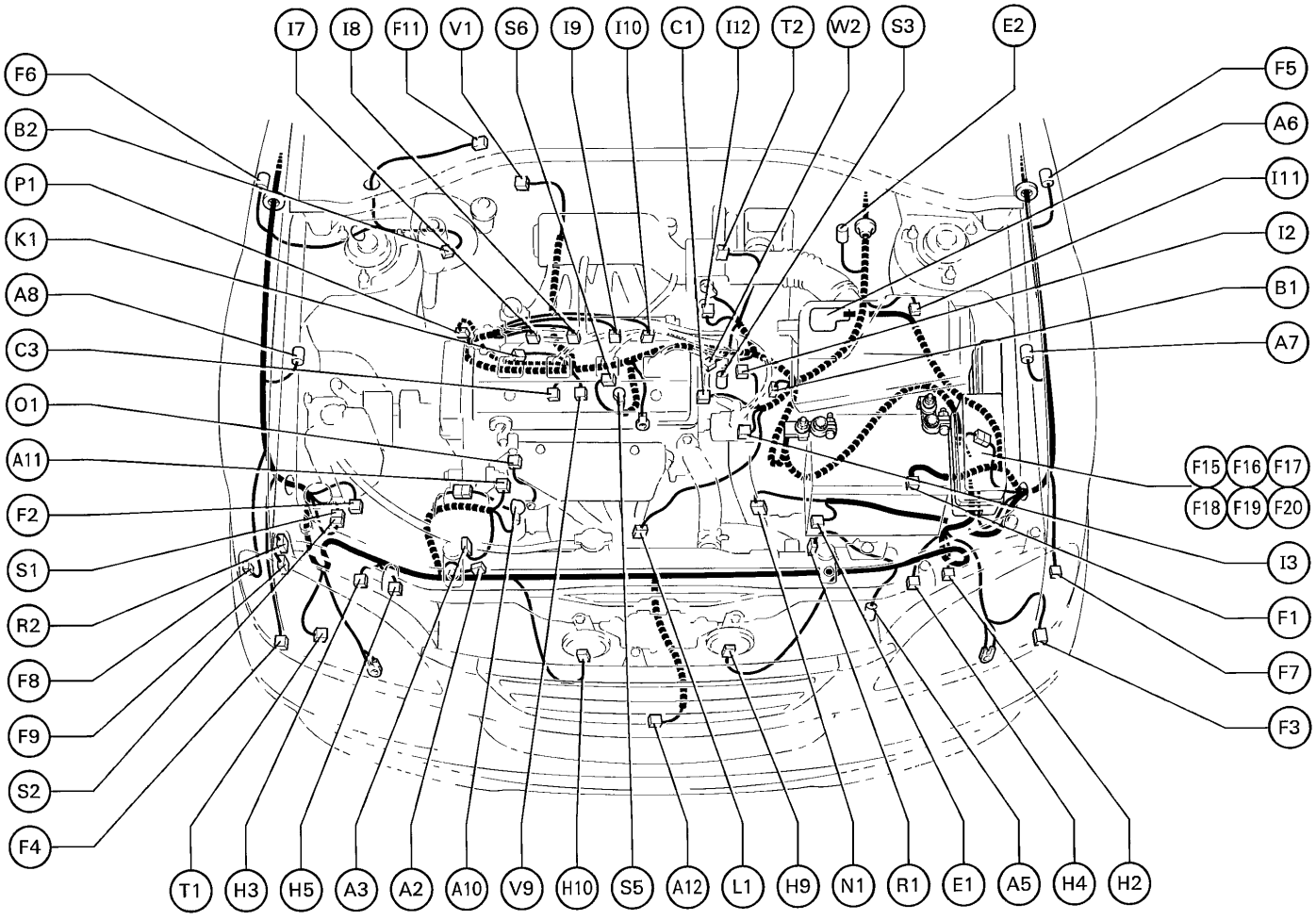


Position of Parts in Engine Compartment

Code	English	*Français*	*Español*
A 1	A/C Ambient Temp. Sensor	*Capteur de température ambiante de A/C*	*Sensor del temperatura ambiente del A/C*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 4	A/C Magnetic Clutch and Lock Sensor	*Accouplement magnétique de A/C et capteur de blocage*	*Embrague magnético del A/C y sensor de bloqueo del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 6	ABS ECU with Actuator	*Dispositif de commande de ECU de ABS*	*ECU de ABS con actuador*
A 7	ABS Speed Sensor Front LH	*Capteur de vitesse de ABS avant gauche*	*Sensor de velocidad de ABS, frontal izquierdo*
A 8	ABS Speed Sensor Front RH	*Capteur de vitesse de ABS avant droit*	*Sensor de velocidad de ABS, frontal derecho*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp. Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
C 1	Camshaft Position Sensor	*Capteur de position d'arbre à cames*	*Sensor de posición del árbol de levas*
C 3	Crankshaft Position Sensor	*Capteur de position de vilebrequin*	*Sensor de posición del cigüeñal*
E 1	ECT Solenoid	*Solénoïde de commande ECT*	*Solenoide de ECT*
E 2	Engine Hood Courtesy SW	*Contacteur d'éclairage de courtoisie de compartiment moteur*	*Interruptor de cortesía del capo del motor*
E 3	Engine Oil Level Sensor	*Capteur de niveau d'huile moteur*	*Sensor del nivel de aceite del motor*
F 1	Front Airbag Sensor LH	*Capteur de sac gonflable avant gauche*	*Sensor del colchón de aire frontal izquierdo*
F 2	Front Airbag Sensor RH	*Capteur de sac gonflable avant droit*	*Sensor del colchón de aire frontal derecho*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 8	Heated Oxygen Sensor	*Capteur d'oxygène réchauffé*	*Sensor de oxígeno calentado*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 2	Ignition Coil and Igniter No.1	*Bobine d'allumage et allumeur no 1*	*Bobina de encendido y encendedor N°1*
I 3	Ignition Coil and Igniter No.2	*Bobine d'allumage et allumeur no.2*	*Bobina de encendido y encendedor N 2*
I 7	Injector No 1	*Injecteur no 1*	*Inyector N°1*
I 8	Injector No 2	*Injecteur no 2*	*Inyector N°2*
I 9	Injector No 3	*Injecteur no 3*	*Inyector N°3*
I 10	Injector No.4	*Injecteur no 4*	*Inyector N 4*
I 11	Intake Air Temp. Sensor	*Capteur de température d'air d'admission*	*Sensor de la temperatura del aire de admisión*
I 12	ISC Valve	*Soupape ISC*	*Válvula de ISC*
K 1	Knock Sensor	*Capteur de cognement moteur*	*Sensor de golpeteo*
N 1	Neutral Start SW	*Contacteur de démarrage au point mort*	*Interruptor de arranque en punto muerto*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
P 1	Power Steering Oil Pressure SW	*Manocontact de pression d'huile de direction assistée*	*Interruptor de presión de aceite de la servodirección*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 1	Short Connector	*Bloc raccord de shunt*	*Conector cortocircuitador*
S 2	Short Connector	*Bloc raccord de shunt*	*Conector cortocircuitador*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 1	Theft Deterrent Siren	*Sirène de dissuasion contre le vol*	*Sirena del sistema antirrobo*
T 2	Throttle Position Sensor	*Capteur de position de papillon d'accélération*	*Sensor de posición del acelerador*
V 1	Vacuum Sensor	*Capteur de dépression*	*Sensor de vacío*
V 2	Variable Resistor	*Résistance variable*	*Resistor variable*
V 5	VSV (EGR)	*VSV (EGR)*	*VSV (EGR)*
W 2	Water Temp. Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*

Position of Parts in Engine Compartment

[RHD : 7A-FE, 4A-FE Lean Burn Type]



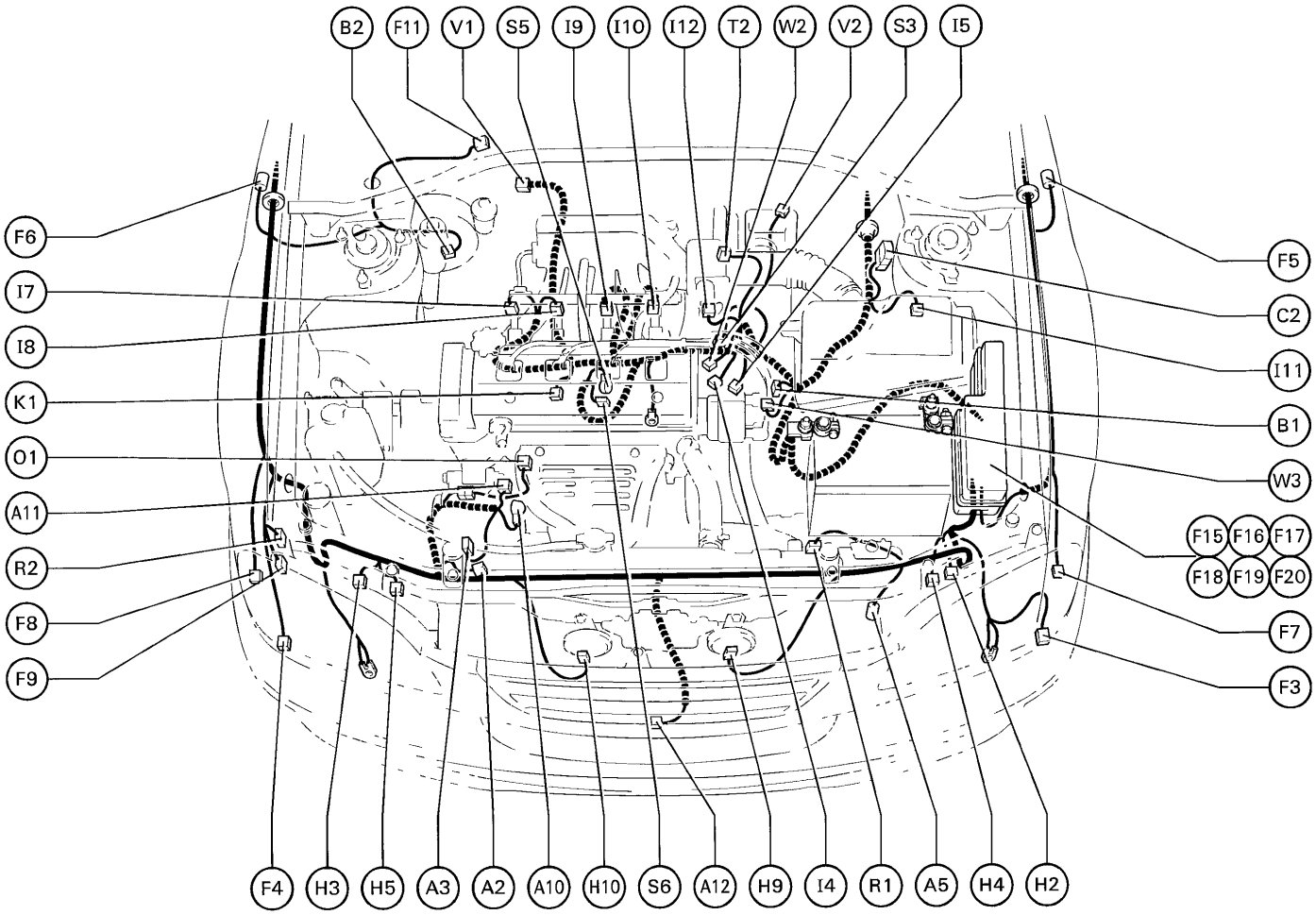
Position of Parts in Engine Compartment

Code	English	*Français*	*Español*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 3	A/C Magnetic Clutch	*Accouplement magnétique de A/C*	*Embrague magnético del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 6	ABS ECU with Actuator	*Dispositif de commande de ECU de ABS*	*ECU de ABS con actuador*
A 7	ABS Speed Sensor Front LH	*Capteur de vitesse de ABS avant gauche*	*Sensor de velocidad de ABS, frontal izquierdo*
A 8	ABS Speed Sensor Front RH	*Capteur de vitesse de ABS avant droit*	*Sensor de velocidad de ABS, frontal derecho*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp. Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
C 1	Camshaft Position Sensor	*Capteur de position d'arbre à cames*	*Sensor de posición del árbol de levas*
C 3	Crankshaft Position Sensor	*Capteur de position de vilebrequin*	*Sensor de posición del cigüeñal*
E 1	ECT Solenoid	*Solénoide de commande ECT*	*Solenoide de ECT*
E 2	Engine Hood Courtesy SW	*Contacteur d'éclairage de courtoisie de compartiment moteur*	*Interruptor de cortesía del capo del motor*
F 1	Front Airbag Sensor LH	*Capteur de sac gonflable avant gauche*	*Sensor del colchón de aire frontal izquierdo*
F 2	Front Airbag Sensor RH	*Capteur de sac gonflable avant droit*	*Sensor del colchón de aire frontal derecho*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 2	Ignition Coil and Igniter No.1	*Bobine d'allumage et allumeur no.1*	*Bobina de encendido y encendedor N°1*
I 3	Ignition Coil and Igniter No.2	*Bobine d'allumage et allumeur no.2*	*Bobina de encendido y encendedor N°2*
I 7	Injector No 1	*Injecteur no 1*	*Inyector N°1*
I 8	Injector No.2	*Injecteur no 2*	*Inyector N°2*
I 9	Injector No 3	*Injecteur no 3*	*Inyector N°3*
I 10	Injector No.4	*Injecteur no 4*	*Inyector N°4*
I 11	Intake Air Temp. Sensor	*Capteur de température d'air d'admission*	*Sensor de la temperatura del aire de admisión*
I 12	ISC Valve	*Soupape ISC*	*Válvula de ISC*
K 1	Knock Sensor	*Capteur de cognement moteur*	*Sensor de golpeteo*
L 1	Lean Mixture Sensor	*Capteur de mélange pauvre*	*Sensor de mezcla pobre*
N 1	Neutral Start SW	*Contacteur de démarrage au point mort*	*Interruptor de arranque en punto muerto*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
P 1	Power Steering Oil Pressure SW	*Manocontact de pression d'huile de direction assistée*	*Interruptor de presión de aceite de la servodirección*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 1	Short Connector	*Bloc raccord de shunt*	*Conector cortocircuitador*
S 2	Short Connector	*Bloc raccord de shunt*	*Conector cortocircuitador*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 1	Theft Deterrent Siren	*Sirène de dissuasion contre le vol*	*Sirena de del sistema antirrobo*
T 2	Throttle Position Sensor	*Capteur de position de papillon d'accélération*	*Sensor de posición del acelerador*
V 1	Vacuum Sensor	*Capteur de dépression*	*Sensor de vacío*
V 9	VSV (Swirl Control)	*VSV (contrôle de turbulence)*	*VSV (control de turbulencia)*
W 2	Water Temp Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*

English | Français | Español

Position of Parts in Engine Compartment

[RHD : 4A-FE Stoichiometric Type]

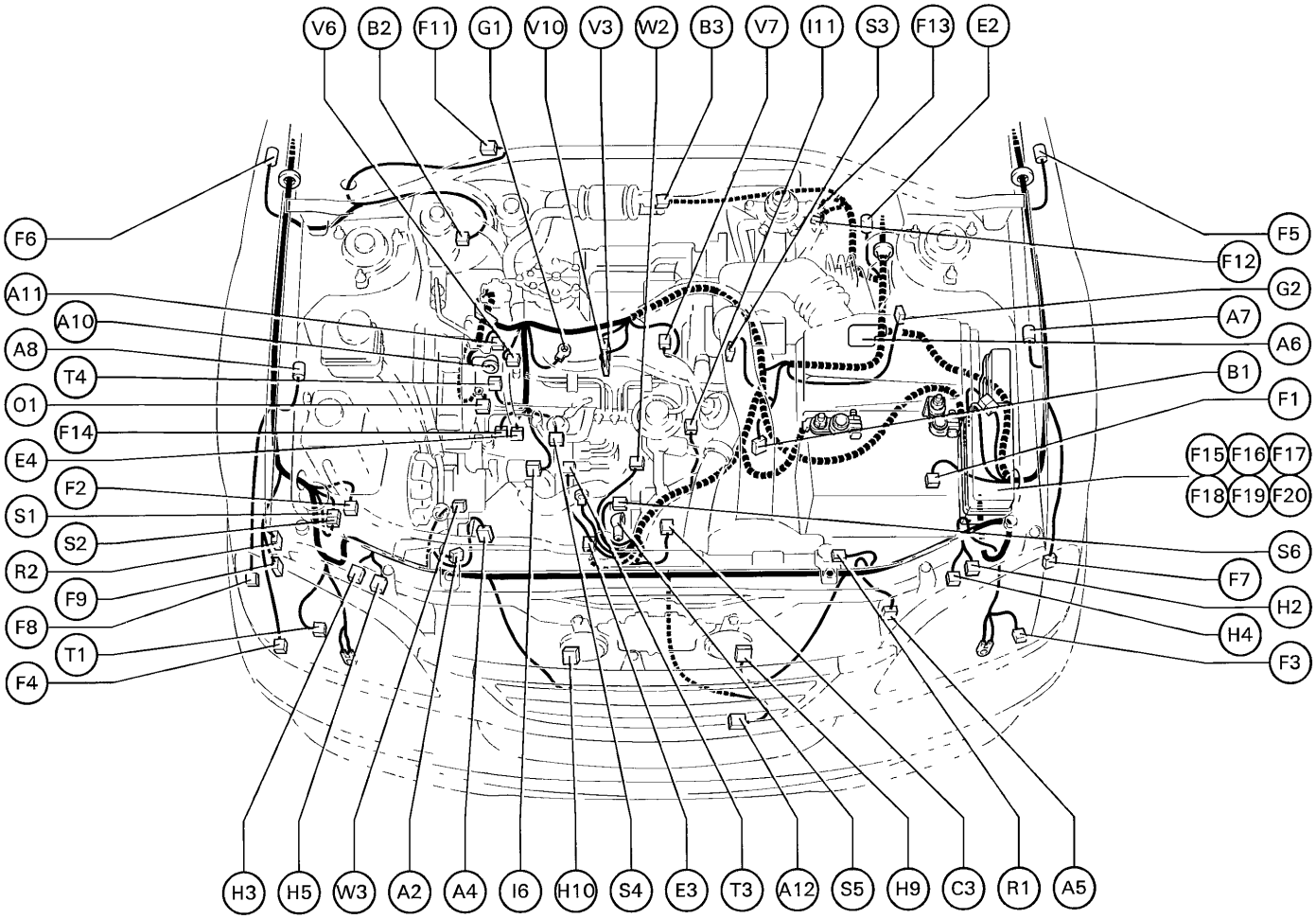


Position of Parts in Engine Compartment

Code	English	*Français*	*Español*
A 2	A/C Condenser Fan Motor	*Moteur de ventilateur de condenseur de A/C*	*Motor del ventilador del condensador del A/C*
A 3	A/C Magnetic Clutch	*Accouplement magnétique de A/C*	*Embrague magnético del A/C*
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	*Triple pressostat de A/C (double pressostat et pressostat simple de A/C)*	*Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)*
A 10	Alternator	*Alternateur*	*Alternador*
A 11	Alternator	*Alternateur*	*Alternador*
A 12	Ambient Temp. Sensor	*Capteur de température ambiante*	*Sensor de la temperatura ambiente*
B 1	Back-Up Light SW	*Contacteur de feux de recul*	*Interruptor de la luz de marcha atrás*
B 2	Brake Fluid Level Warning SW	*Contacteur de rappel de niveau de liquide de frein*	*Interruptor de advertencia del nivel del líquido de frenos*
C 2	Check Connector	*Bloc raccord de câblage de diagnostic*	*Conector de comprobación*
F 3	Front Fog Light LH	*Projecteur antibrouillard avant gauche*	*Luz antiniebla frontal izquierda*
F 4	Front Fog Light RH	*Projecteur antibrouillard avant droit*	*Luz antiniebla frontal derecha*
F 5	Front Side Turn Signal Light LH	*Feu de changement de direction latéral avant gauche*	*Luz de la señal de giro lateral frontal izquierda*
F 6	Front Side Turn Signal Light RH	*Feu de changement de direction latéral avant droit*	*Luz de la señal de giro lateral frontal derecha*
F 7	Front Turn Signal Light LH	*Feu de changement de direction avant gauche*	*Luz de la señal de giro delantera izquierda*
F 8	Front Turn Signal Light RH	*Feu de changement de direction avant droit*	*Luz de la señal de giro delantera derecha*
F 9	Front Washer Motor	*Moteur de lave-glace de pare-brise*	*Motor del lavador frontal*
F 11	Front Wiper Motor	*Moteur d'essuie-glace de pare-brise*	*Motor del limpiador frontal*
F 15	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 16	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 17	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 18	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 19	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
F 20	Fusible Link Block	*Bloc d'éléments fusibles*	*Bloque de eslabones fusibles*
H 2	Headlight and Front Clearance Light LH	*Projecteur et feu d'encombrement avant gauche*	*Faro y luz de paso delantera izquierda*
H 3	Headlight and Front Clearance Light RH	*Projecteur et feu d'encombrement avant droit*	*Faro y luz de paso delantera derecha*
H 4	Headlight Beam Level Control Actuator LH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche*	*Actuador de control del nivel del haz del faro izquierdo*
H 5	Headlight Beam Level Control Actuator RH	*Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit*	*Actuador de control del nivel del haz del faro derecho*
H 9	Horn LH	*Avertisseur gauche*	*Bocina izquierda*
H 10	Horn RH	*Avertisseur droit*	*Bocina derecha*
I 4	IIA	*IIA*	*IIA*
I 5	IIA	*IIA*	*IIA*
I 7	Injector No.1	*Injecteur no.1*	*Inyector N.°1*
I 8	Injector No.2	*Injecteur no.2*	*Inyector N. 2*
I 9	Injector No.3	*Injecteur no.3*	*Inyector N.°3*
I 10	Injector No.4	*Injecteur no.4*	*Inyector N.°4*
I 11	Intake Air Temp. Sensor	*Capteur de température d'air d'admission*	*Sensor de la temperatura del aire de admisión*
I 12	ISC Valve	*Soupape ISC*	*Válvula de ISC*
K 1	Knock Sensor	*Capteur de cognement moteur*	*Sensor de golpeteo*
O 1	Oil Pressure SW	*Manocontact de pression d'huile*	*Interruptor de presión de aceite*
R 1	Radiator Fan Motor	*Moteur de ventilateur de radiateur*	*Motor del ventilador del radiador*
R 2	Rear Washer Motor	*Moteur de lave-glace de lunette arrière*	*Motor del lavador trasero*
S 3	Speed Sensor	*Capteur de vitesse*	*Sensor de velocidad*
S 5	Starter	*Démarreur*	*Arrancador*
S 6	Starter	*Démarreur*	*Arrancador*
T 2	Throttle Position Sensor	*Capteur de position de papillon d'accélération*	*Sensor de posición del acelerador*
V 1	Vacuum Sensor	*Capteur de dépression*	*Sensor de vacío*
V 2	Variable Resistor	*Résistance variable*	*Resistor variable*
W 2	Water Temp. Sensor	*Capteur de température d'eau*	*Sensor de la temperatura del agua*
W 3	Water Temp. SW	*Contacteur de température d'eau*	*Interruptor de la temperatura del agua*

Position of Parts in Engine Compartment

[RHD : 2C-TE]

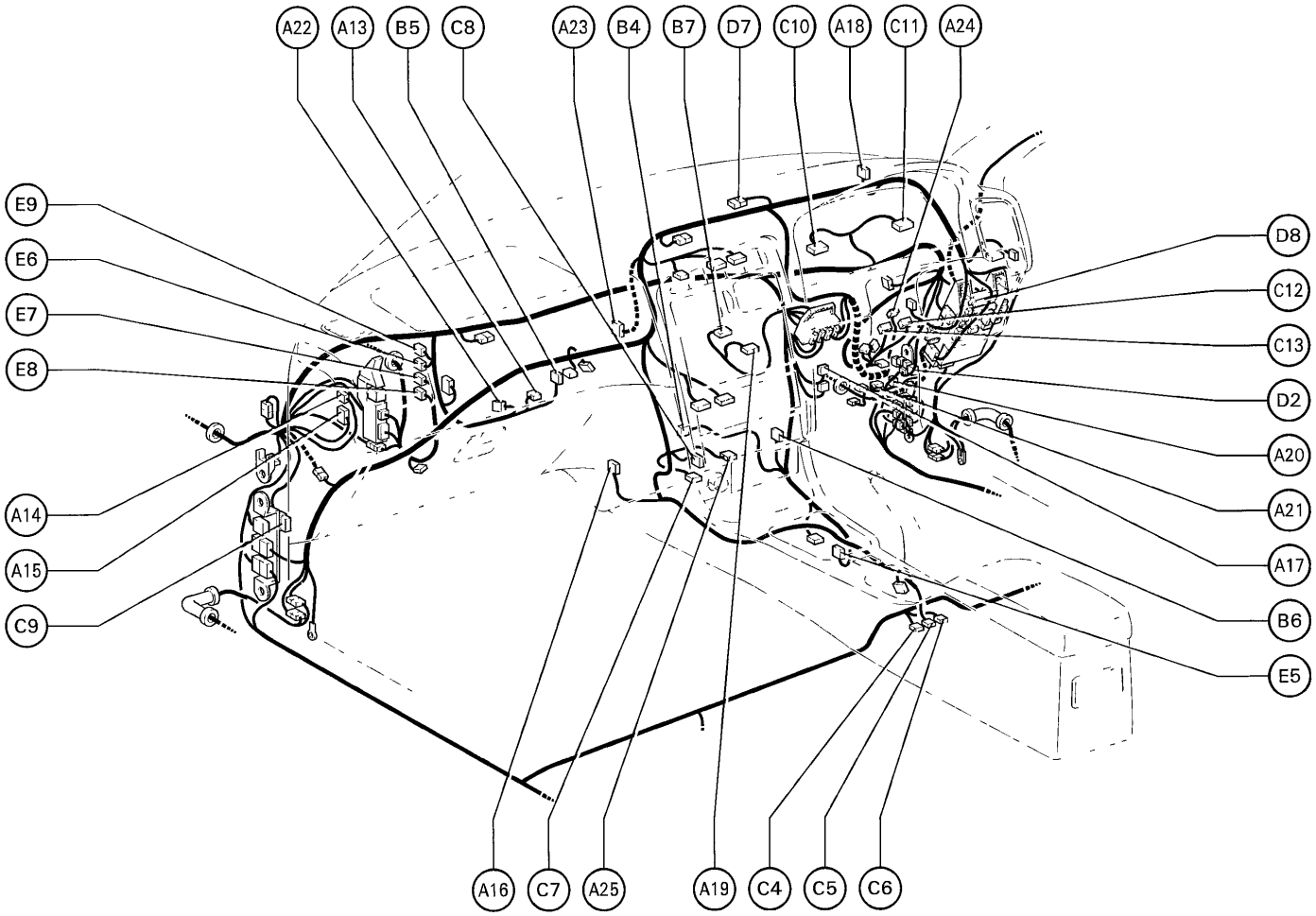


Position of Parts in Engine Compartment

Code	English	Français	Español
A 2	A/C Condenser Fan Motor	Moteur de ventilateur de condenseur de A/C	Motor del ventilador del condensador del A/C
A 4	A/C Magnetic Clutch and Lock Sensor	Accouplement magnétique de A/C et capteur de blocage	Embrague magnético del A/C y sensor de bloqueo del A/C
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	Triple pressostat de A/C (double pressostat et pressostat simple de A/C)	Interruptor de presión triple del A/C (interruptor de presión doble y sencillo del A/C)
A 6	ABS ECU with Actuator	Dispositif de commande de ECU de ABS	ECU de ABS con actuador
A 7	ABS Speed Sensor Front LH	Capteur de vitesse de ABS avant gauche	Sensor de velocidad de ABS, frontal izquierdo
A 8	ABS Speed Sensor Front RH	Capteur de vitesse de ABS avant droit	Sensor de velocidad de ABS, frontal derecho
A 10	Alternator	Alternateur	Alternador
A 11	Alternator	Alternateur	Alternador
A 12	Ambient Temp. Sensor	Capteur de température ambiante	Sensor de la temperatura ambiente
B 1	Back-Up Light SW	Contacteur de feux de recul	Interruptor de la luz de marcha atrás
B 2	Brake Fluid Level Warning SW	Contacteur de rappel de niveau de liquide de frein	Interruptor de advertencia del nivel del liquido de frenos
B 3	Brake Vacuum Warning SW	Contacteur de rappel de dépression de frein	Interruptor de advertencia de vacío del freno
C 3	Crankshaft Position Sensor	Capteur de position de vilebrequin	Sensor de posición del cigüeñal
E 2	Engine Hood Courtesy SW	Contacteur d'éclairage de courtoisie de compartiment moteur	Interruptor de cortesía del capo del motor
E 3	Engine Oil Level Sensor	Capteur de niveau d'huile moteur	Sensor del nivel de aceite del motor
E 4	Engine Speed Sensor	Capteur de vitesse de moteur	Sensor de la velocidad del motor
F 1	Front Airbag Sensor LH	Capteur de sac gonflable avant gauche	Sensor del colchón de aire frontal izquierdo
F 2	Front Airbag Sensor RH	Capteur de sac gonflable avant droit	Sensor del colchón de aire frontal derecho
F 3	Front Fog Light LH	Projecteur antibrouillard avant gauche	Luz antiniebla frontal izquierda
F 4	Front Fog Light RH	Projecteur antibrouillard avant droit	Luz antiniebla frontal derecha
F 5	Front Side Turn Signal Light LH	Feu de changement de direction latéral avant gauche	Luz de la señal de giro lateral frontal izquierda
F 6	Front Side Turn Signal Light RH	Feu de changement de direction latéral avant droit	Luz de la señal de giro lateral frontal derecha
F 7	Front Turn Signal Light LH	Feu de changement de direction avant gauche	Luz de la señal de giro delantera izquierda
F 8	Front Turn Signal Light RH	Feu de changement de direction avant droit	Luz de la señal de giro delantera derecha
F 9	Front Washer Motor	Moteur de lave-glace de pare-brise	Motor del lavador frontal
F 11	Front Wiper Motor	Moteur d'essuie-glace de pare-brise	Motor del limpiador frontal
F 12	Fuel Heater	Réchauffeur de combustible	Calefactor de combustible
F 13	Fuel Sedimentary SW	Contacteur d'accumulateur de dépôts d'essence	Interruptor de sedimentos de combustible
F 14	Fuel Temp. Sensor	Capteur de température de carburant	Sensor de la temperatura del combustible
F 15	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 16	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 17	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 18	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 19	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
F 20	Fusible Link Block	Bloc d'éléments fusibles	Bloque de eslabones fusibles
G 1	Glow Plug	Bougies de préchauffage	Bujía incandescente
G 2	Glow Plug Relay	Relais de bougie de préchauffage	Relé de bujía incandescente
H 2	Headlight and Front Clearance Light LH	Projecteur et feu d'encombrement avant gauche	Faro y luz de paso delantera izquierda
H 3	Headlight and Front Clearance Light RH	Projecteur et feu d'encombrement avant droit	Faro y luz de paso delantera derecha
H 4	Headlight Beam Level Control Actuator LH	Dispositif de commande de réglage d'orientation de faisceau de projecteur avant gauche	Actuador de control del nivel del haz del faro izquierdo
H 5	Headlight Beam Level Control Actuator RH	Dispositif de commande de réglage d'orientation de faisceau de projecteur avant droit	Actuador de control del nivel del haz del faro derecho
H 9	Horn LH	Avertisseur gauche	Bocina izquierda
H 10	Horn RH	Avertisseur droit	Bocina derecha
I 6	Injection Pump	Pompe d'injection	Bomba de inyección
I 11	Intake Air Temp. Sensor	Capteur de température d'air d'admission	Sensor de la temperatura del aire de admisión
O 1	Oil Pressure SW	Manocontact de pression d'huile	Interruptor de presión de aceite
R 1	Radiator Fan Motor	Moteur de ventilateur de radiateur	Motor del ventilador del radiador
R 2	Rear Washer Motor	Moteur de lave-glace de lunette arrière	Motor del lavador trasero
S 1	Short Connector	Bloc raccord de shunt	Conector cortocircuitador
S 2	Short Connector	Bloc raccord de shunt	Conector cortocircuitador
S 3	Speed Sensor	Capteur de vitesse	Sensor de velocidad
S 4	Spill Control Valve	Soupape de contrôle de décharge	Válvula de control de rebose
S 5	Starter	Démarreur	Arrancador
S 6	Starter	Démarreur	Arrancador
T 1	Theft Deterrent Siren	Sirène de dissuasion contre le vol	Sirena de del sistema antirrobo
T 3	Timing Control Valve	Soupape de contrôle de calage	Válvula de control de la distribución
T 4	Turbo Pressure Sensor	Capteur de pression de turbocompresseur	Sensor de presión turbo
V 3	VRV (EGR)	VRV (EGR)	VRV (EGR)
V 6	VSV (Fully Closed)	VSV (complètement fermée)	VSV (completamente cerrada)
V 7	VSV (Idle Opening)	VSV (ouverture de ralenti)	VSV (abertura de ralentí)
V 10	VSV (Turbo Pressure Sensor)	VSV (capteur de pression de turbocompresseur)	VSV (sensor de presión turbo)
W 2	Water Temp. Sensor	Capteur de température d'eau	Sensor de la temperatura del agua
W 3	Water Temp. SW	Contacteur de température d'eau	Interruptor de la temperatura del agua

Position of Parts in Instrument Panel

[RHD : Instrument Panel 1]

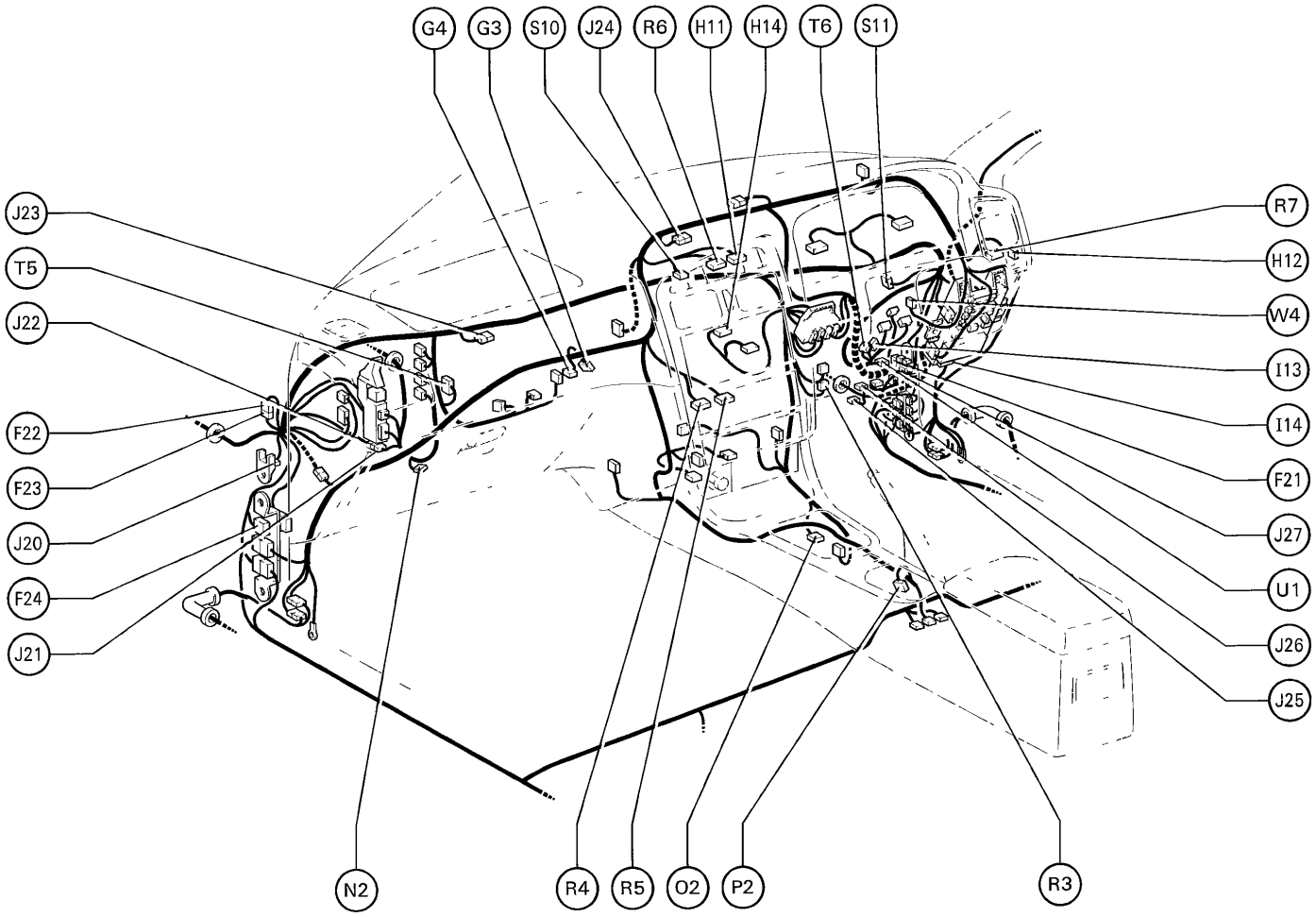


Position of Parts in Instrument Panel

Code	English	*Français*	*Español*
A 13	A/C Amplifier	*Amplificateur de A/C*	*Amplificador del A/C*
A 14	A/C Amplifier (Automatic)	*Amplificateur de A/C (réglage automatique)*	*Amplificador del A/C (automático)*
A 15	A/C Amplifier (Automatic)	*Amplificateur de A/C (réglage automatique)*	*Amplificador del A/C (automático)*
A 16	A/C Evaporator Temp. Sensor	*Capteur de température d'evaporateur de A/C*	*Sensor del temperatura del evaporador del A/C*
A 17	A/C Room Temp. Sensor	*Capteur de température ambiante d'habitacle de A/C*	*Sensor de la temperatura del compartimiento del A/C*
A 18	A/C Solar Sensor	*Capteur solaire de A/C*	*Sensor solar del A/C*
A 19	A/C SW	*Commande de A/C*	*Interruptor del A/C*
A 20	Accelerator Pedal Position Sensor	*Capteur de position de pédale d'accélérateur*	*Sensor de la posición del pedal del acelerador*
A 21	Accelerator Position SW	*Contacteur de position d'accélérateur*	*Interruptor de la posición del acelerador*
A 22	Air Mix Control Servo Motor	*Servomoteur de commande de mélange d'air*	*Servomotor de control de mezcla de aire*
A 23	Airbag Squib (Front Passenger Airbag Assembly)	*Charge explosive de sac gonflable (ensemble de sac gonflable de passager avant)*	*Detonador del colchón de aire (conjunto del colchón de aire del pasajero delantero)*
A 24	Airbag Squib (Steering Wheel Pad)	*Charge explosive de sac gonflable (rembourrage de volant de direction)*	*Detonador del colchón de aire (almohadilla del volante de dirección)*
A 25	Ashtray Illumination	*Eclairage de cendrier*	*Iluminación del cenicero*
B 4	Blower Controller	*Contrôleur de soufflerie*	*Controlador del soplador*
B 5	Blower Motor	*Moteur de soufflerie*	*Motor del soplador*
B 6	Blower Resistor	*Résistance de soufflerie*	*Resistor del soplador*
B 7	Blower SW	*Commande de soufflerie*	*Interruptor del soplador*
C 4	Center Airbag Sensor Assembly	*Ensemble de capteur de sac gonflable central*	*Conjunto del sensor del colchón de aire central*
C 5	Center Airbag Sensor Assembly	*Ensemble de capteur de sac gonflable central*	*Conjunto del sensor del colchón de aire central*
C 6	Center Airbag Sensor Assembly	*Ensemble de capteur de sac gonflable central*	*Conjunto del sensor del colchón de aire central*
C 7	Cigarette Lighter	*Allume-cigare*	*Encendedor de cigarrillos*
C 8	Cigarette Lighter Illumination	*Eclairage d'allume-cigare*	*Iluminación del encendedor de cigarrillos*
C 9	Circuit Opening Relay	*Relais d'ouverture de circuit*	*Relé de abertura del circuito*
C 10	Combination Meter	*Combiné de bord*	*Medidor de combinación*
C 11	Combination Meter	*Combiné de bord*	*Medidor de combinación*
C 12	Combination SW	*Commande combinée*	*Interruptor de combinación*
C 13	Combination SW	*Commande combinée*	*Interruptor de combinación*
D 2	Defogger Relay	*Relais de désembueur*	*Relé del desempañador*
D 7	Diode (Power)	*Diode (d'alimentation)*	*Diodo (potencia)*
D 8	DLC3	*DLC3*	*DLC3*
E 5	ECT Pattern Select SW	*Sélecteur de mode de sélection de rapport de boîte ECT*	*Selector de patrón de ECT*
E 6	Engine ECU (M/T) or Engine and ECT ECU (A/T)	*ECU de moteur (M/T) ou ECU de moteur et de boîte ECT (A/T)*	*ECU del motor (M/T) o ECU del motor y ECT (A/T)*
E 7	Engine ECU (M/T) or Engine and ECT ECU (A/T)	*ECU de moteur (M/T) ou ECU de moteur et de boîte ECT (A/T)*	*ECU del motor (M/T) o ECU del motor y ECT (A/T)*
E 8	Engine ECU (M/T) or Engine and ECT ECU (A/T)	*ECU de moteur (M/T) ou ECU de moteur et de boîte ECT (A/T)*	*ECU del motor (M/T) o ECU del motor y ECT (A/T)*
E 9	Engine ECU	*ECU de moteur*	*ECU del motor*

Position of Parts in Instrument Panel

[RHD : Instrument Panel 2]



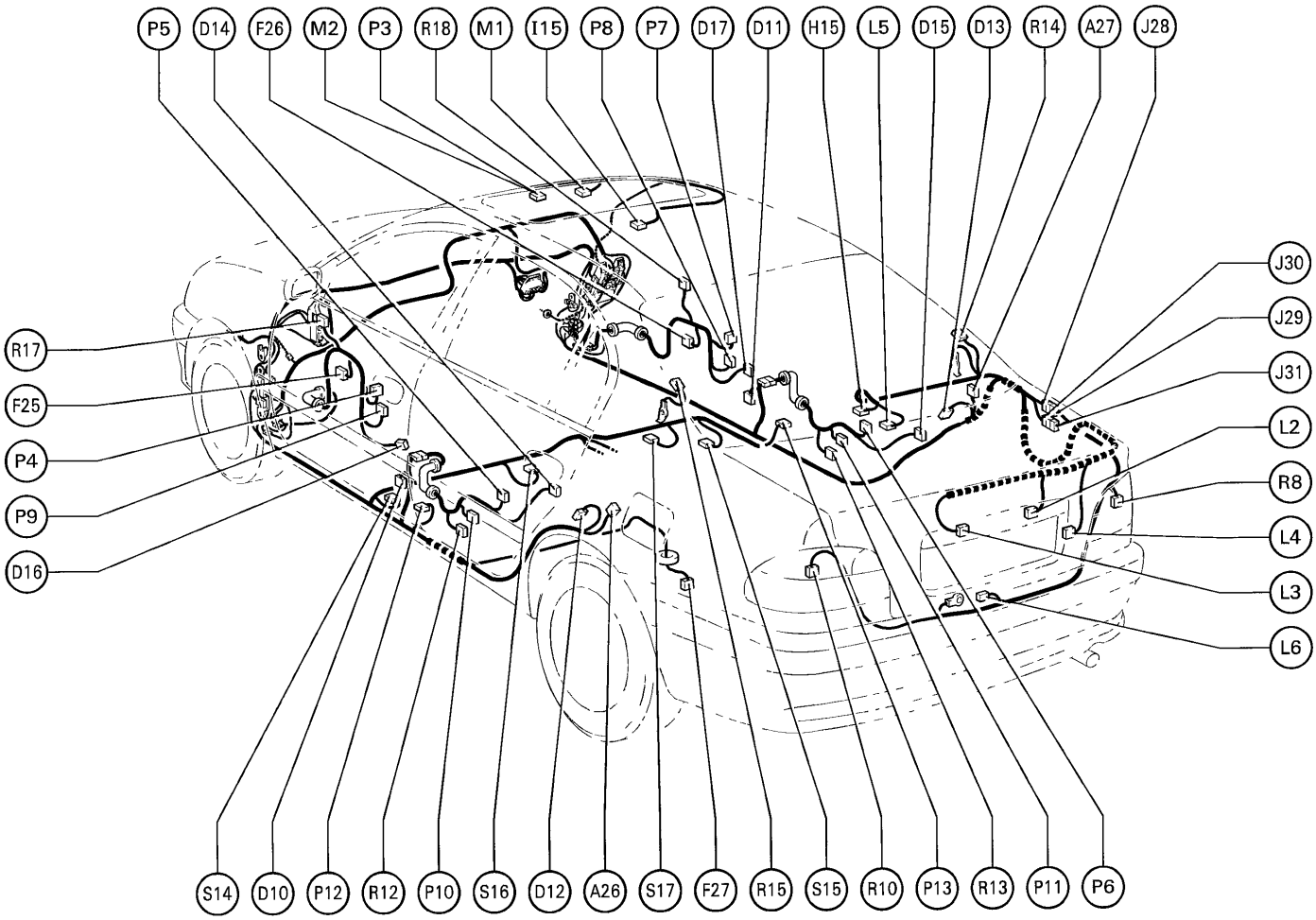
Position of Parts in Instrument Panel

Code	English	*Français*	*Español*
F 21	Front Fog Light Relay	*Relais de projecteur antibrouillard avant*	*Relé de las luces antiniebla delanteras*
F 22	Fuel Control Connector	*Bloc raccord de câblage de contrôle d'alimentation d'essence*	*Conector de control de combustible*
F 23	Fuel Control Connector	*Bloc raccord de câblage de contrôle d'alimentation d'essence*	*Conector de control de combustible*
F 24	Fuse Box	*Boîte de servitude*	*Caja de fusibles*
G 3	Glove Box Light	*Eclairage de boîte à gants*	*Luz de la guantera*
G 4	Glove Box Light SW	*Contacteur d'éclairage de boîte à gants*	*Interruptor de la luz de la guantera*
H 11	Hazard SW	*Commande de feux de détresse*	*Interruptor de peligro*
H 12	Headlight Beam Level Control SW	*Commande de réglage d'orientation de faisceau de projecteur avant*	*Interruptor de control del nivel del haz del faro*
H 14	Heater Control SW	*Commande de chauffage*	*Interruptor de control del calefactor*
I 13	Ignition SW	*Contacteur d'allumage*	*Interruptor de encendido*
I 14	Integration Relay	*Relais d'intégration*	*Relé de integración*
J 20	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 21	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 22	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 23	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 24	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 25	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 26	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 27	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
N 2	Noise Filter (Ignition System)	*Filtre antiparasites (système d'allumage)*	*Filtro de ruido (sistema de encendido)*
O 2	O/D Main SW	*Commande principale de O/D*	*Interruptor principal de O/D*
P 2	Parking Brake SW	*Contacteur de frein de stationnement*	*Interruptor del freno de estacionamiento*
R 3	Radar Sensor	*Capteur de radar*	*Sensor de radar*
R 4	Radio and Player	*Autoradio et lecteur de cassettes*	*Radio y reproductor*
R 5	Radio and Player	*Autoradio et lecteur de cassettes*	*Radio y reproductor*
R 6	Rear Window Defogger SW	*Commande de désembueur de glace de lunette arrière*	*Interruptor del desempañador de la ventanilla trasera*
R 7	Remote Control Mirror SW	*Commande de rétroviseur à commande électrique*	*Interruptor del espejo retrovisor de control remoto*
S 10	Status Monitor	*Moniteur d'état*	*Monitor de estado*
S 11	Stop Light SW	*Contacteur de feux stop*	*Interruptor de la luz de parada*
T 5	Theft Deterrent ECU	*ECU de dissuasion contre le vol*	*ECU del sistema antirrobo*
T 6	Transponder Key ECU	*ECU de clé de transpondeur*	*ECU de la llave de transmisor*
U 1	Unlock Warning SW	*Contacteur de rappel de libération*	*Interruptor de advertencia de desbloqueo*
W 4	Wireless Door Lock ECU	*ECU de condamnation de porte à commande radio*	*ECU de bloqueo de la puerta inalámbrico*

G ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : S/D]

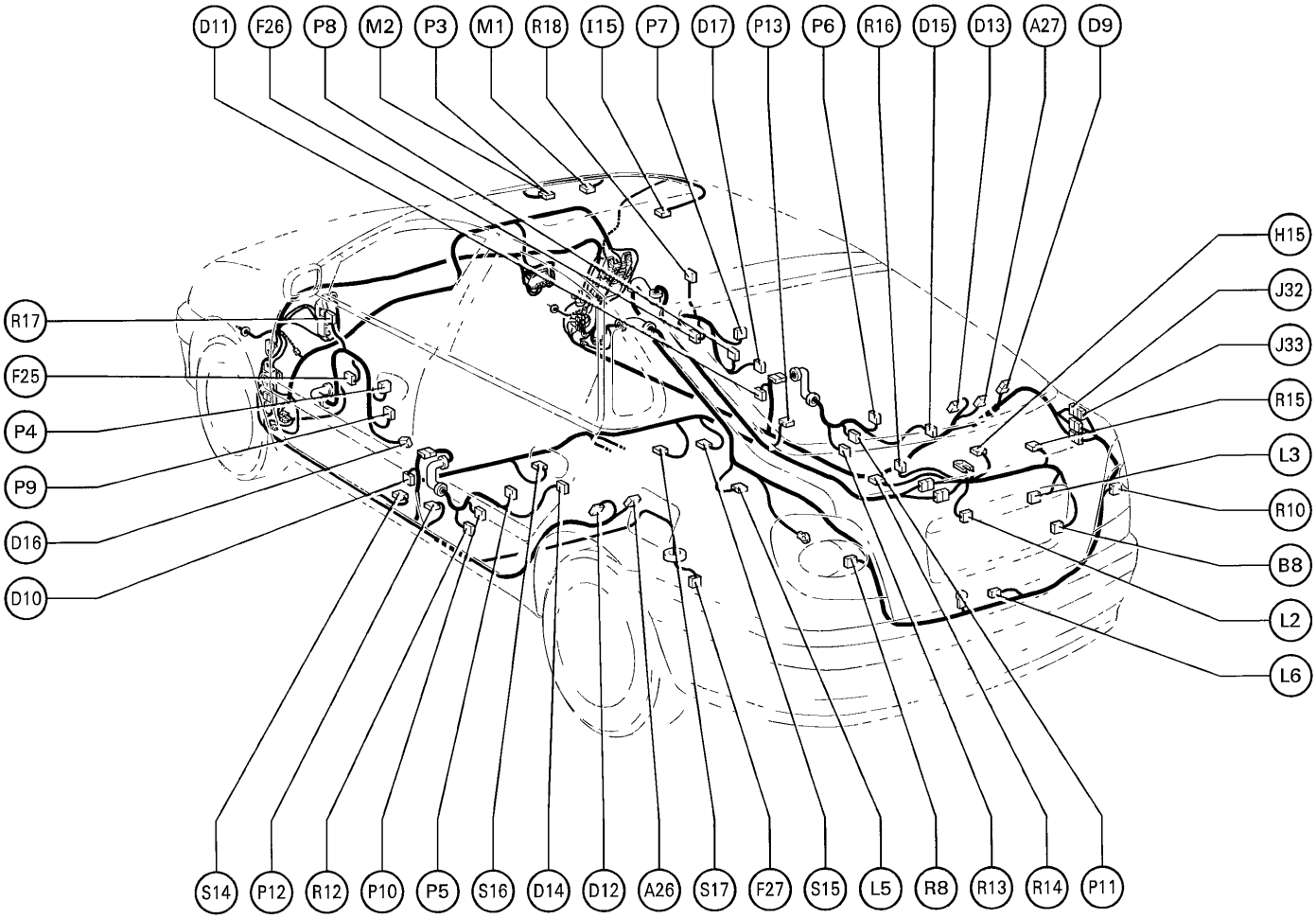


Position of Parts in Body

Code	English	*Français*	*Español*
A 26	ABS Speed Sensor Rear LH	*Capteur de vitesse de ABS arrière gauche*	*Sensor de velocidad de ABS, trasero izquierdo*
A 27	ABS Speed Sensor Rear RH	*Capteur de vitesse de ABS arrière droit*	*Sensor de velocidad de ABS, trasero derecho*
D 10	Door Courtesy SW Front LH	*Contacteur d'éclairage de courtoisie sur porte avant gauche*	*Interruptor de cortesía de la puerta frontal izquierda*
D 11	Door Courtesy SW Front RH	*Contacteur d'éclairage de courtoisie sur porte avant droite*	*Interruptor de cortesía de la puerta frontal derecha*
D 12	Door Courtesy SW Rear LH	*Contacteur d'éclairage de courtoisie sur porte arrière gauche*	*Interruptor de cortesía de la puerta trasera izquierda*
D 13	Door Courtesy SW Rear RH	*Contacteur d'éclairage de courtoisie sur porte arrière droite*	*Interruptor de cortesía de la puerta trasera derecha*
D 14	Door Lock Motor Rear LH	*Moteur de condamnation de porte arrière gauche*	*Motor de bloqueo de la puerta trasera izquierda*
D 15	Door Lock Motor Rear RH	*Moteur de condamnation de porte arrière droite*	*Motor de bloqueo de la puerta trasera derecha*
D 16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant gauche*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera izquierda*
D 17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant droit*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera derecha*
F 25	Front Door Speaker LH	*Haut-parleur de porte avant gauche*	*Altavoz de la puerta frontal izquierda*
F 26	Front Door Speaker RH	*Haut-parleur de porte avant droite*	*Altavoz de la puerta frontal derecha*
F 27	Fuel Sender and Fuel Pump	*Jauge émettrice de niveau d'essence et pompe d'alimentation*	*Emisor de combustible y bomba de combustible*
H 15	High Mounted Stop Light	*Feux stop à implantation haute*	*Luz de parada de montura alta*
I 15	Interior Light	*Plafonnier*	*Luz interior*
J 28	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 29	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 30	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 31	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
L 2	License Plate Light LH	*Eclairage de plaque minéralogique gauche*	*Luz de la matrícula izquierda*
L 3	License Plate Light RH	*Eclairage de plaque minéralogique droit*	*Luz de la matrícula derecha*
L 4	Luggage Compartment Door Lock Motor	*Moteur de condamnation de porte de compartiment à bagages*	*Motor de bloqueo de la puerta del portaequipajes*
L 5	Luggage Room Light	*Eclairage d'espace de rangement des bagages*	*Luz del portaequipajes*
L 6	Luggage Room Light SW	*Contacteur d'eclairage d'espace de rangement des bagages*	*Interruptor de la luz del portaequipajes*
M 1	Moon Roof Control Relay and Motor	*Relais de commande de toit ouvrant et moteur*	*Relé y motor de control del techo lunar*
M 2	Moon Roof Control SW	*Commande de toit ouvrant*	*Interruptor de control del techo lunar*
P 3	Personal Light	*Projecteur individuel*	*Luz personal*
P 4	Power Window Control SW (Front Passenger Side)	*Commande de lève-glace électrique (côté passager avant)*	*Interruptor de control de la ventanilla automática (lado del pasajero frontal)*
P 5	Power Window Control SW Rear LH	*Commande de lève-glace électrique arrière gauche*	*Interruptor de control de la ventanilla automática trasera izquierda*
P 6	Power Window Control SW Rear RH	*Commande de lève-glace électrique arrière droit*	*Interruptor de control de la ventanilla automática trasera derecha*
P 7	Power Window Master SW	*Commande générale de lève-glace électrique*	*Interruptor principal de la ventanilla automática*
P 8	Power Window Motor (Driver Side)	*Moteur de lève-glace électrique (côté conducteur)*	*Motor de la ventanilla automática (lado del conductor)*
P 9	Power Window Motor (Front Passenger Side)	*Moteur de lève-glace électrique (côté passager avant)*	*Motor de la ventanilla automática (lado del pasajero delantero)*
P 10	Power Window Motor Rear LH	*Moteur de lève-glace électrique arrière gauche*	*Motor de la ventanilla automática trasera izquierda*
P 11	Power Window Motor Rear RH	*Moteur de lève-glace électrique arrière droit*	*Motor de la ventanilla automática trasera derecha*
P 12	Pretensioner LH	*Prétendeur gauche*	*Pretensor izquierdo*
P 13	Pretensioner RH	*Prétendeur droit*	*Pretensor derecho*
R 8	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 10	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 12	Rear Door Speaker LH	*Haut-parleur de porte arrière gauche*	*Altavoz de la puerta trasera izquierda*
R 13	Rear Door Speaker RH	*Haut-parleur de porte arrière droit*	*Altavoz de la puerta trasera derecha*
R 14	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 15	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 17	Remote Control Mirror LH	*Rétroviseur à commande électrique gauche*	*Espejo retrovisor de control remoto izquierdo*
R 18	Remote Control Mirror RH	*Rétroviseur à commande électrique droit*	*Espejo retrovisor de control remoto derecho*
S 14	Side Airbag Sensor LH	*Capteur de sac gonflable latéral gauche*	*Sensor del colchón de aire lateral izquierdo*
S 15	Side Airbag Sensor RH	*Capteur de sac gonflable latéral droit*	*Sensor del colchón de aire lateral derecho*
S 16	Side Airbag Squib LH	*Charge explosive de sac gonflable latéral gauche*	*Detonador del colchón de aire lateral izquierdo*
S 17	Side Airbag Squib RH	*Charge explosive de sac gonflable latéral droit*	*Detonador del colchón de aire lateral derecho*

Position of Parts in Body

[RHD : L/B]

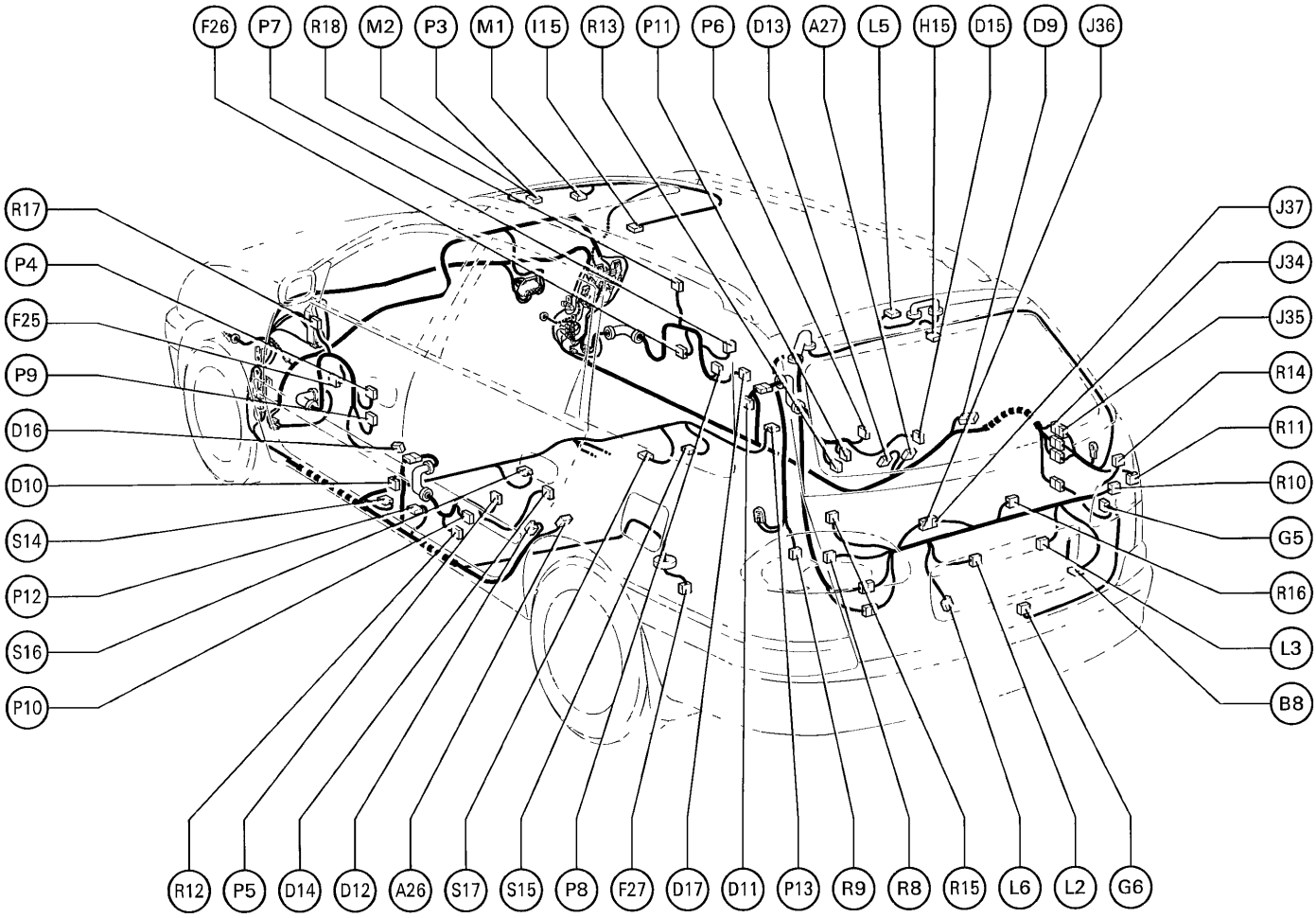


Position of Parts in Body

Code	English	*Français*	*Español*
A 26	ABS Speed Sensor Rear LH	*Capteur de vitesse de ABS arrière gauche*	*Sensor de velocidad de ABS, trasero izquierdo*
A 27	ABS Speed Sensor Rear RH	*Capteur de vitesse de ABS arrière droit*	*Sensor de velocidad de ABS, trasero derecho*
B 8	Back Door Lock Motor	*Moteur de condamnation de hayon*	*Motor de bloqueo de la puerta posterior*
D 9	Diode (Luggage Room Light)	*Diode (eclairage d'espace de rangement des bagages)*	*Diodo (luz del portaequipajes)*
D 10	Door Courtesy SW Front LH	*Contacteur d'éclairage de courtoisie sur porte avant gauche*	*Interruptor de cortesía de la puerta frontal izquierda*
D 11	Door Courtesy SW Front RH	*Contacteur d'éclairage de courtoisie sur porte avant droite*	*Interruptor de cortesía de la puerta frontal derecha*
D 12	Door Courtesy SW Rear LH	*Contacteur d'éclairage de courtoisie sur porte arrière gauche*	*Interruptor de cortesía de la puerta trasera izquierda*
D 13	Door Courtesy SW Rear RH	*Contacteur d'éclairage de courtoisie sur porte arrière droite*	*Interruptor de cortesía de la puerta trasera derecha*
D 14	Door Lock Motor Rear LH	*Moteur de condamnation de porte arrière gauche*	*Motor de bloqueo de la puerta trasera izquierda*
D 15	Door Lock Motor Rear RH	*Moteur de condamnation de porte arrière droite*	*Motor de bloqueo de la puerta trasera derecha*
D 16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant gauche*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera izquierda*
D 17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant droit*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera derecha*
F 25	Front Door Speaker LH	Haut-parleur de porte avant gauche	*Altavoz de la puerta frontal izquierda*
F 26	Front Door Speaker RH	Haut-parleur de porte avant droite	*Altavoz de la puerta frontal derecha*
F 27	Fuel Sender and Fuel Pump	*Jauge émettrice de niveau d'essence et pompe d'alimentation*	*Emisor de combustible y bomba de combustible*
H 15	High Mounted Stop Light	*Feux stop à implantation haute*	*Luz de parada de montura alta*
I 15	Interior Light	*Plafonnier*	*Luz interior*
J 32	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 33	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
L 2	License Plate Light LH	*Eclairage de plaque minéralogique gauche*	*Luz de la matrícula izquierda*
L 3	License Plate Light RH	*Eclairage de plaque minéralogique droit*	*Luz de la matrícula derecha*
L 5	Luggage Room Light	*Eclairage d'espace de rangement des bagages*	*Luz del portaequipajes*
L 6	Luggage Room Light SW	*Contacteur d'eclairage d'espace de rangement des bagages*	*Interruptor de la luz del portaequipajes*
M 1	Moon Roof Control Relay and Motor	*Relais de commande de toit ouvrant et moteur*	*Relé y motor de control del techo lunar*
M 2	Moon Roof Control SW	*Commande de toit ouvrant*	*Interruptor de control del techo lunar*
P 3	Personal Light	*Projecteur individuel*	*Luz personal*
P 4	Power Window Control SW (Front Passenger Side)	*Commande de lève-glace électrique (côté passager avant)*	*Interruptor de control de la ventanilla automática (lado del pasajero frontal)*
P 5	Power Window Control SW Rear LH	*Commande de lève-glace électrique arrière gauche*	*Interruptor de control de la ventanilla automática trasera izquierda*
P 6	Power Window Control SW Rear RH	*Commande de lève-glace électrique arrière droit*	*Interruptor de control de la ventanilla automática trasera derecha*
P 7	Power Window Master SW	*Commande générale de lève-glace électrique*	*Interruptor principal de la ventanilla automática*
P 8	Power Window Motor (Driver Side)	*Moteur de lève-glace électrique (côté conducteur)*	*Motor de la ventanilla automática (lado del conductor)*
P 9	Power Window Motor (Front Passenger Side)	*Moteur de lève-glace électrique (côté passager avant)*	*Motor de la ventanilla automática (lado del pasajero delantero)*
P 10	Power Window Motor Rear LH	*Moteur de lève-glace électrique arrière gauche*	*Motor de la ventanilla automática trasera izquierda*
P 11	Power Window Motor Rear RH	*Moteur de lève-glace électrique arrière droit*	*Motor de la ventanilla automática trasera derecha*
P 12	Pretensioner LH	*Prétendeur gauche*	*Pretensor izquierdo*
P 13	Pretensioner RH	*Prétendeur droit*	*Pretensor derecho*
R 8	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 10	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 12	Rear Door Speaker LH	*Haut-parleur de porte arrière gauche*	*Altavoz de la puerta trasera izquierda*
R 13	Rear Door Speaker RH	*Haut-parleur de porte arrière droit*	*Altavoz de la puerta trasera derecha*
R 14	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 15	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 16	Rear Wiper Motor and Relay	*Moteur d'essuie-glace de lunette arrière et relais*	*Motor y relé del limpiador trasero*
R 17	Remote Control Mirror LH	*Rétroviseur à commande électrique gauche*	*Espejo retrovisor de control remoto izquierdo*
R 18	Remote Control Mirror RH	*Rétroviseur à commande électrique droit*	*Espejo retrovisor de control remoto derecho*
S 14	Side Airbag Sensor LH	*Capteur de sac gonflable latéral gauche*	*Sensor del colchón de aire lateral izquierdo*
S 15	Side Airbag Sensor RH	*Capteur de sac gonflable latéral droit*	*Sensor del colchón de aire lateral derecho*
S 16	Side Airbag Squib LH	*Charge explosive de sac gonflable latéral gauche*	*Detonador del colchón de aire lateral izquierdo*
S 17	Side Airbag Squib RH	*Charge explosive de sac gonflable latéral droit*	*Detonador del colchón de aire lateral derecho*

Position of Parts in Body

[RHD : W/G]



Position of Parts in Body

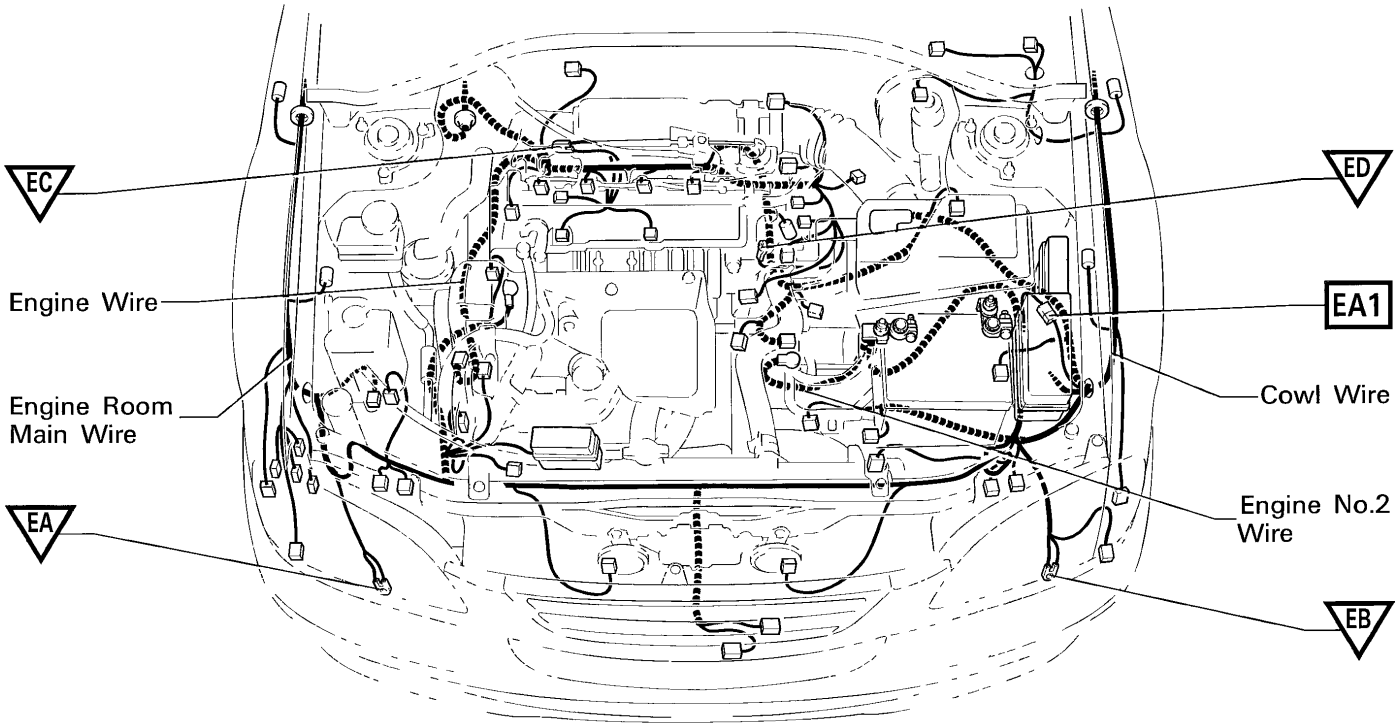
Code	English	*Français*	*Español*
A 26	ABS Speed Sensor Rear LH	*Capteur de vitesse de ABS arrière gauche*	*Sensor de velocidad de ABS, trasero izquierdo*
A 27	ABS Speed Sensor Rear RH	*Capteur de vitesse de ABS arrière droit*	*Sensor de velocidad de ABS, trasero derecho*
B 8	Back Door Lock Motor	*Moteur de condamnation de hayon*	*Motor de bloqueo de la puerta posterior*
D 9	Diode (Luggage Room Light)	*Diode (eclairage d'espace de rangement des bagages)*	*Diodo (luz del portaequipajes)*
D 10	Door Courtesy SW Front LH	*Contacteur d'éclairage de courtoisie sur porte avant gauche*	*Interruptor de cortesía de la puerta frontal izquierda*
D 11	Door Courtesy SW Front RH	*Contacteur d'éclairage de courtoisie sur porte avant droite*	*Interruptor de cortesía de la puerta frontal derecha*
D 12	Door Courtesy SW Rear LH	*Contacteur d'éclairage de courtoisie sur porte arrière gauche*	*Interruptor de cortesía de la puerta trasera izquierda*
D 13	Door Courtesy SW Rear RH	*Contacteur d'éclairage de courtoisie sur porte arrière droite*	*Interruptor de cortesía de la puerta trasera derecha*
D 14	Door Lock Motor Rear LH	*Moteur de condamnation de porte arrière gauche*	*Motor de bloqueo de la puerta trasera izquierda*
D 15	Door Lock Motor Rear RH	*Moteur de condamnation de porte arrière droite*	*Motor de bloqueo de la puerta trasera derecha*
D 16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant gauche*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera izquierda*
D 17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	*Moteur de condamnation de porte, contacteur de condamnation et de libération de porte avec la clé avant droit*	*Motor de bloqueo de la puerta, interruptor de bloqueo y desbloqueo de la llave de la puerta delantera derecha*
F 25	Front Door Speaker LH	*Haut-parleur de porte avant gauche*	*Altavoz de la puerta frontal izquierda*
F 26	Front Door Speaker RH	*Haut-parleur de porte avant droite*	*Altavoz de la puerta frontal derecha*
F 27	Fuel Sender and Fuel Pump	*Jauge émettrice de niveau d'essence et pompe d'alimentation*	*Emisor de combustible y bomba de combustible*
G 5	Glass Breakage Sensor ECU	*ECU de capteur de cassure de glace*	*ECU del sensor de ruptura del vidrio*
G 6	Glass Breakage Sensor Microphone	*Microphone de capteur de cassure de glace*	*Micrófono del sensor de ruptura del vidrio*
H 15	High Mounted Stop Light	*Feux stop à implantation haute*	*Luz de parada de montura alta*
I 15	Interior Light	*Plafonnier*	*Luz interior*
J 34	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 35	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 36	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
J 37	Junction Connector	*Bloc raccord de jonction*	*Conector de enlace*
L 2	License Plate Light LH	*Eclairage de plaque minéralogique gauche*	*Luz de la matrícula izquierda*
L 3	License Plate Light RH	*Eclairage de plaque minéralogique droit*	*Luz de la matrícula derecha*
L 5	Luggage Room Light	*Eclairage d'espace de rangement des bagages*	*Luz del portaequipajes*
L 6	Luggage Room Light SW	*Contacteur d'eclairage d'espace de rangement des bagages*	*Interruptor de la luz del portaequipajes*
M 1	Moon Roof Control Relay and Motor	*Relais de commande de toit ouvrant et moteur*	*Relé y motor de control del techo lunar*
M 2	Moon Roof Control SW	*Commande de toit ouvrant*	*Interruptor de control del techo lunar*
P 3	Personal Light	*Projecteur individuel*	*Luz personal*
P 4	Power Window Control SW (Front Passenger Side)	*Commande de lève-glace électrique (côté passager avant)*	*Interruptor de control de la ventanilla automática (lado del pasajero frontal)*
P 5	Power Window Control SW Rear LH	*Commande de lève-glace électrique arrière gauche*	*Interruptor de control de la ventanilla automática trasera izquierda*
P 6	Power Window Control SW Rear RH	*Commande de lève-glace électrique arrière droit*	*Interruptor de control de la ventanilla automática trasera derecha*
P 7	Power Window Master SW	*Commande générale de lève-glace électrique*	*Interruptor principal de la ventanilla automática*
P 8	Power Window Motor (Driver Side)	*Moteur de lève-glace électrique (côté conducteur)*	*Motor de la ventanilla automática (lado del conductor)*
P 9	Power Window Motor (Front Passenger Side)	*Moteur de lève-glace électrique (côté passager avant)*	*Motor de la ventanilla automática (lado del pasajero delantero)*
P 10	Power Window Motor Rear LH	*Moteur de lève-glace électrique arrière gauche*	*Motor de la ventanilla automática trasera izquierda*
P 11	Power Window Motor Rear RH	*Moteur de lève-glace électrique arrière droit*	*Motor de la ventanilla automática trasera derecha*
P 12	Pretensioner LH	*Prétendeur gauche*	*Pretensor izquierdo*
P 13	Pretensioner RH	*Prétendeur droit*	*Pretensor derecho*
R 8	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 9	Rear Combination Light LH	*Eclairage arrière combiné gauche*	*Luz de combinación trasera izquierda*
R 10	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 11	Rear Combination Light RH	*Eclairage arrière combiné droit*	*Luz de combinación trasera derecha*
R 12	Rear Door Speaker LH	*Haut-parleur de porte arrière gauche*	*Altavoz de la puerta trasera izquierda*
R 13	Rear Door Speaker RH	*Haut-parleur de porte arrière droit*	*Altavoz de la puerta trasera derecha*
R 14	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 15	Rear Window Defogger	*Désembueur de glace de lunette arrière*	*Desempañador de la ventanilla trasera*
R 16	Rear Wiper Motor and Relay	*Moteur d'essuie-glace de lunette arrière et relais*	*Motor y relé del limpiador trasero*
R 17	Remote Control Mirror LH	*Rétroviseur à commande électrique gauche*	*Espejo retrovisor de control remoto izquierdo*
R 18	Remote Control Mirror RH	*Rétroviseur à commande électrique droit*	*Espejo retrovisor de control remoto derecho*
S 14	Side Airbag Sensor LH	*Capteur de sac gonflable latéral gauche*	*Sensor del colchón de aire lateral izquierdo*
S 15	Side Airbag Sensor RH	*Capteur de sac gonflable latéral droit*	*Sensor del colchón de aire lateral derecho*
S 16	Side Airbag Squib LH	*Charge explosive de sac gonflable latéral gauche*	*Detonador del colchón de aire lateral izquierdo*
S 17	Side Airbag Squib RH	*Charge explosive de sac gonflable latéral droit*	*Detonador del colchón de aire lateral derecho*

G ELECTRICAL WIRING ROUTING

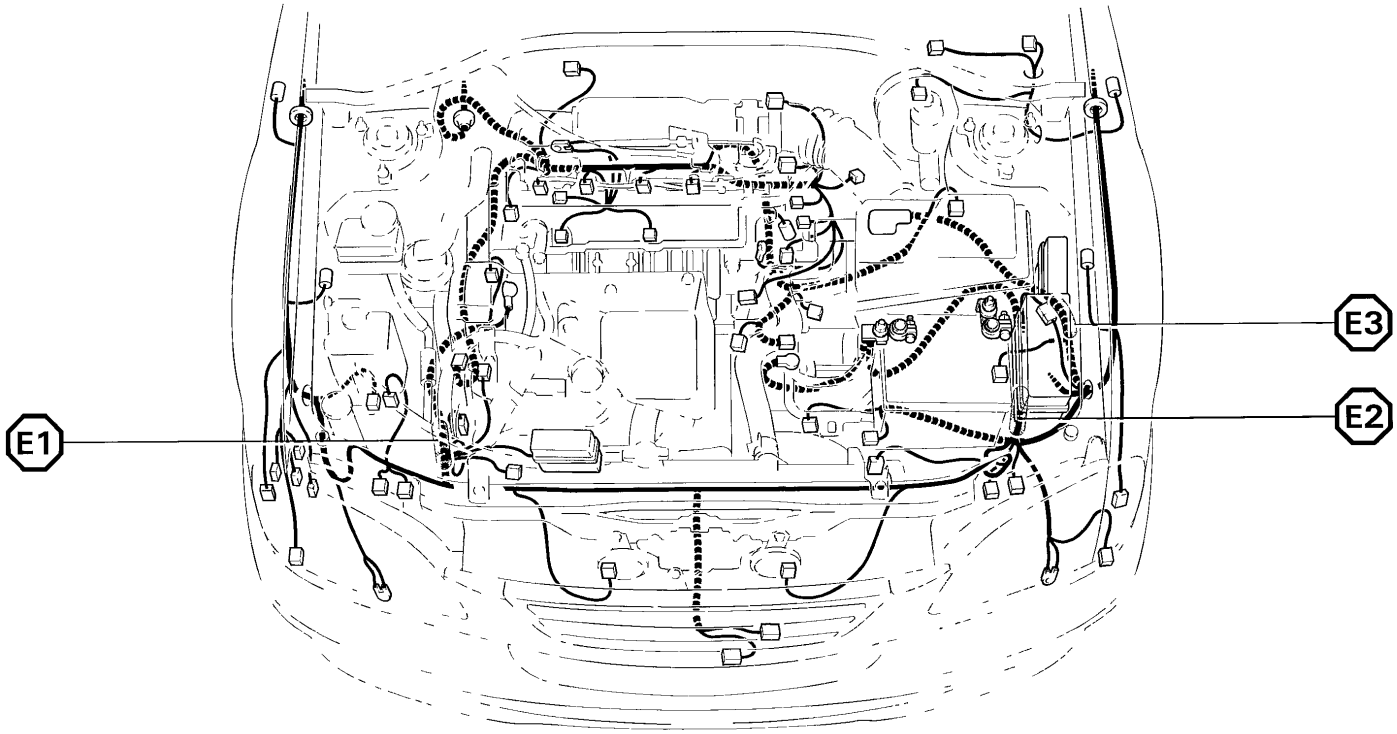
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

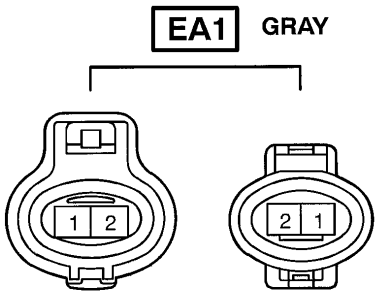
[LHD : 3S-FE]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



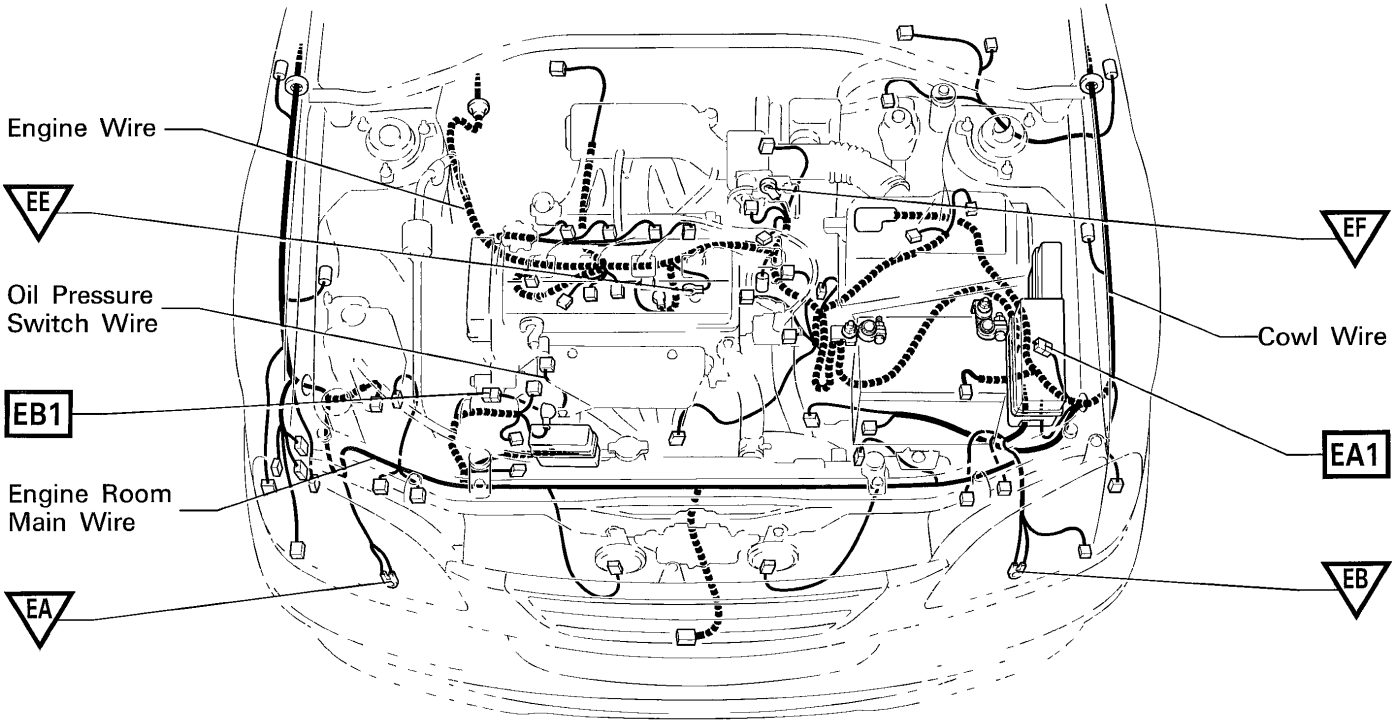
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

G ELECTRICAL WIRING ROUTING

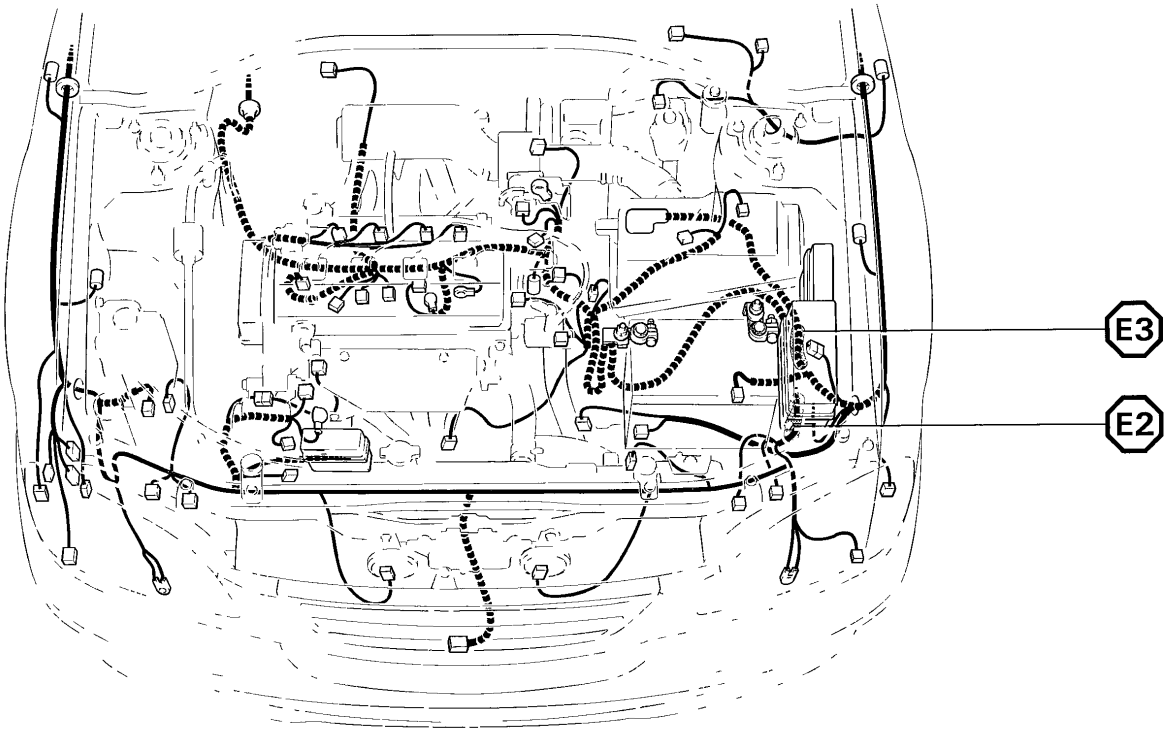
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

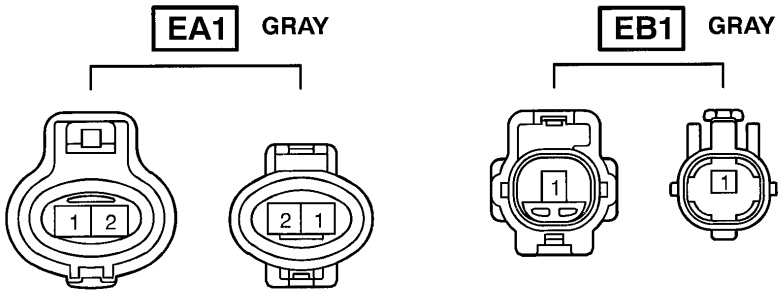
[LHD : 7A-FE, 4A-FE Lean Burn Type]



◯ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



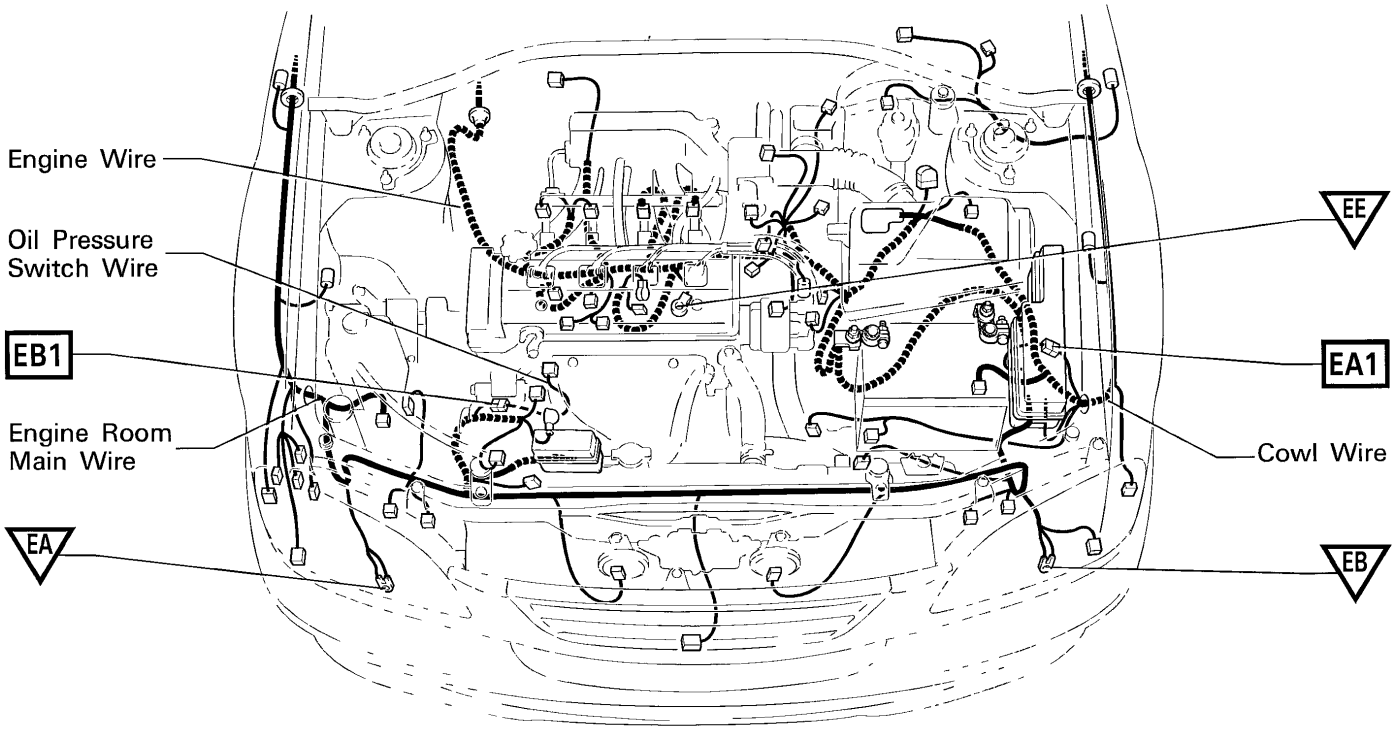
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

G ELECTRICAL WIRING ROUTING

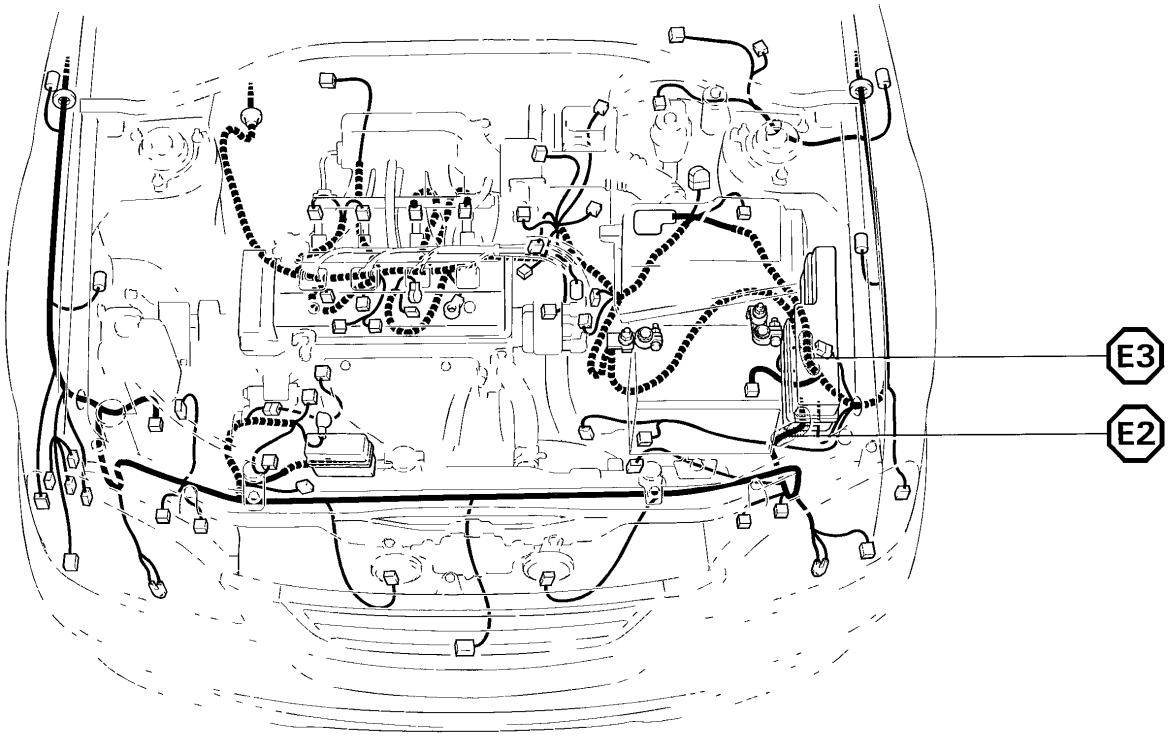
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

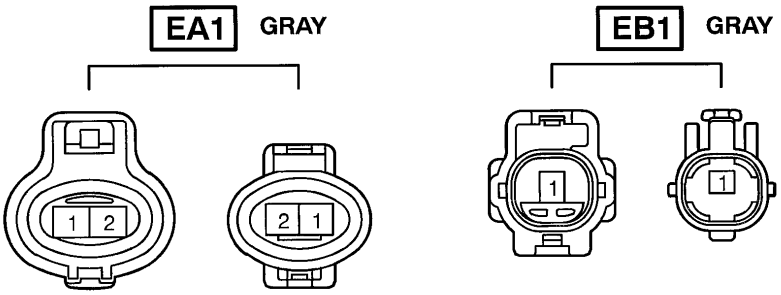
[LHD : 4A-FE Stoichiometric Type]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



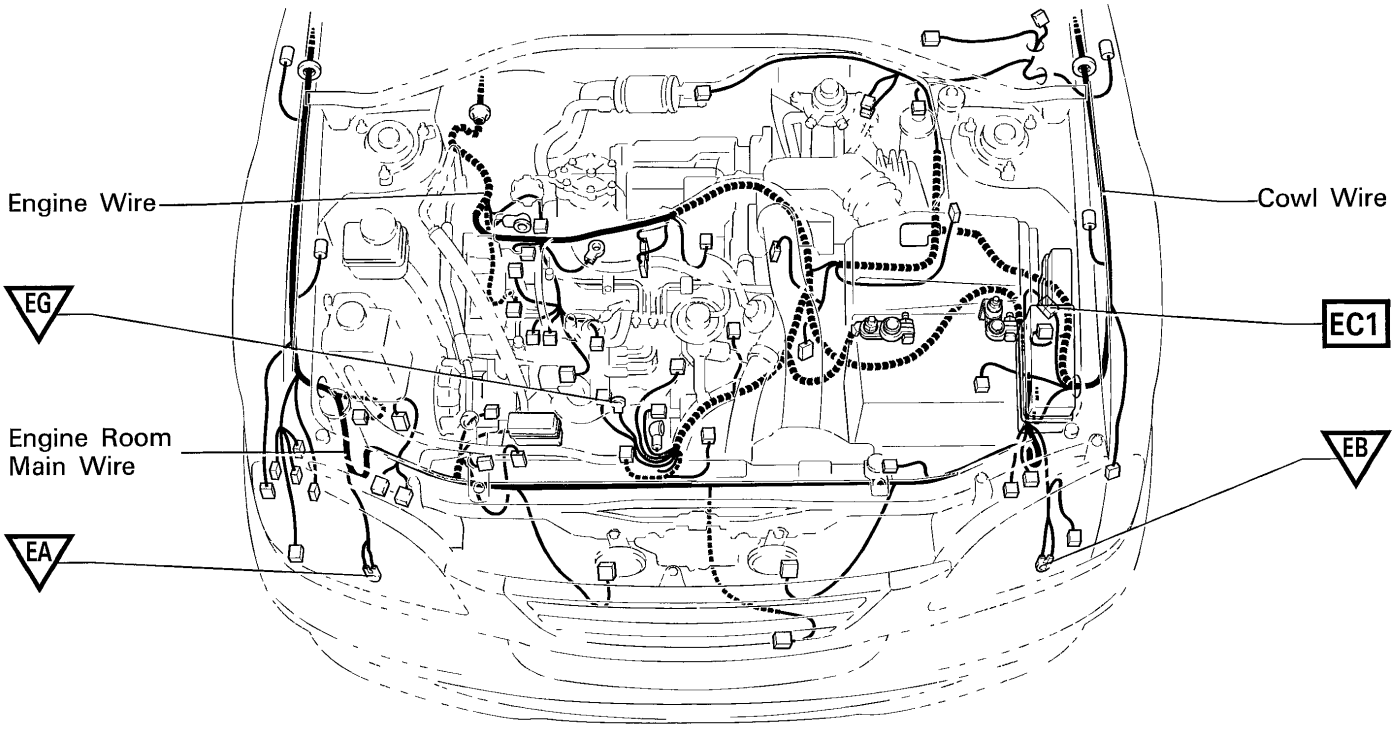
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

G ELECTRICAL WIRING ROUTING

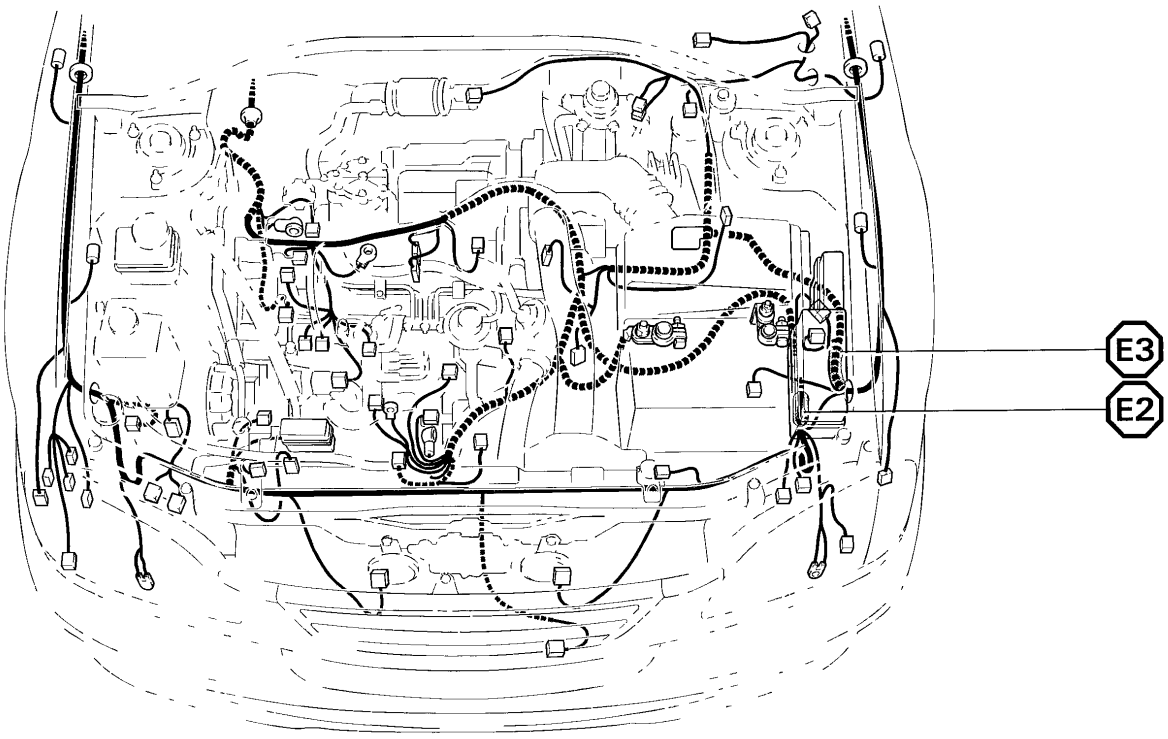
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

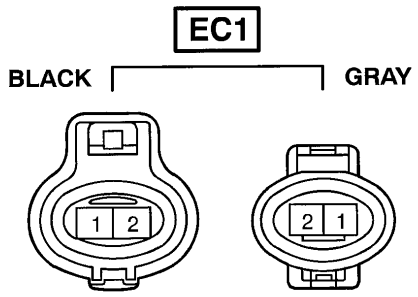
[LHD : 2C-TE]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness

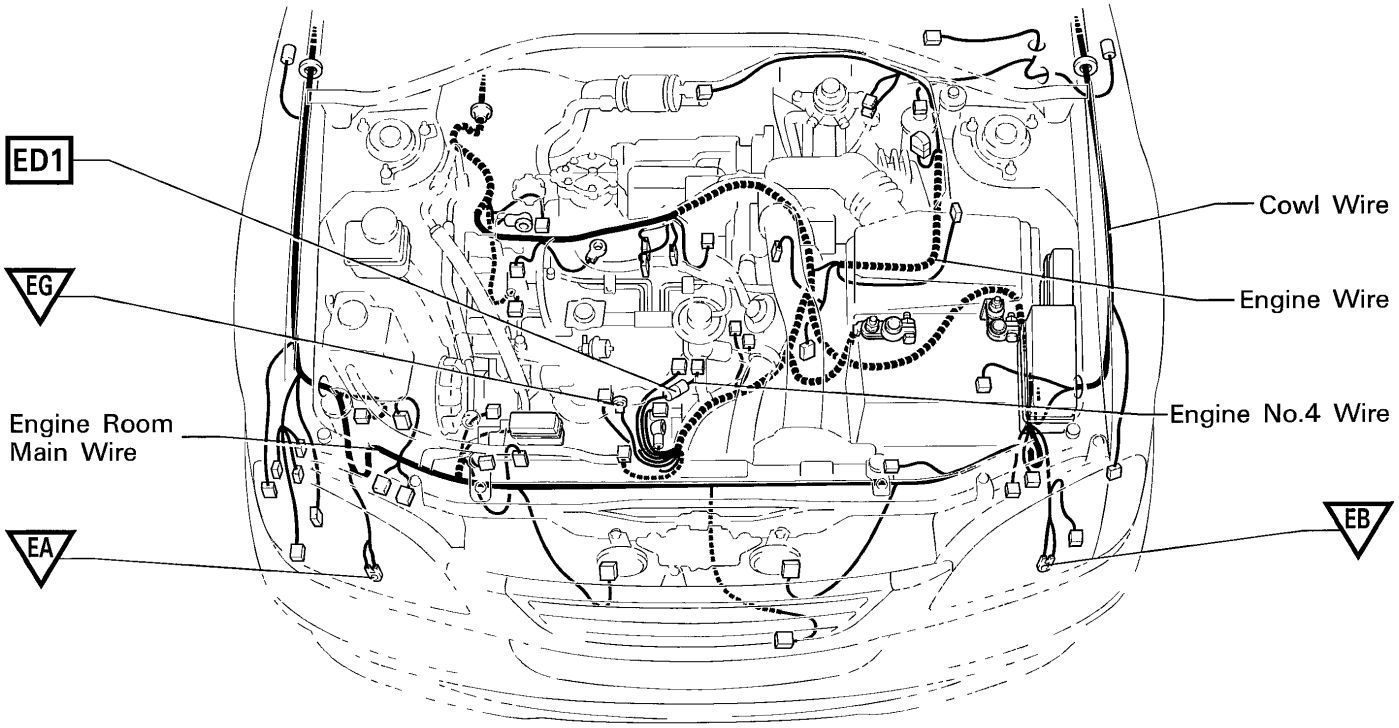


Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)

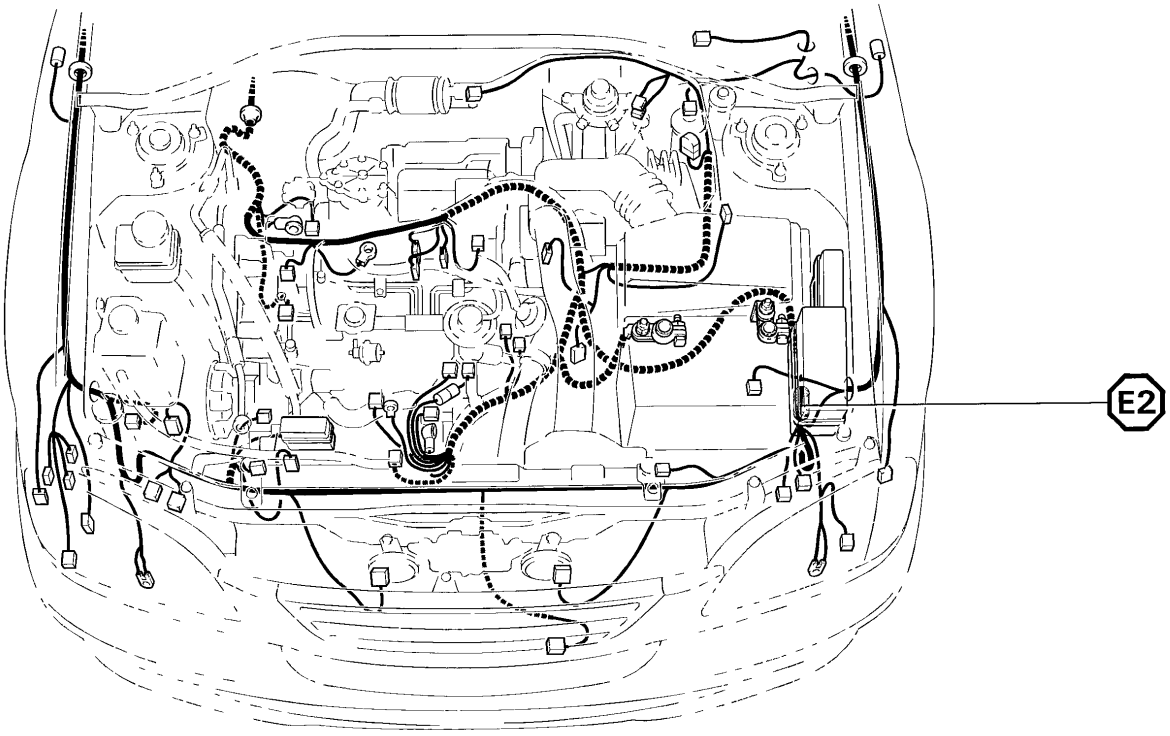
G ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

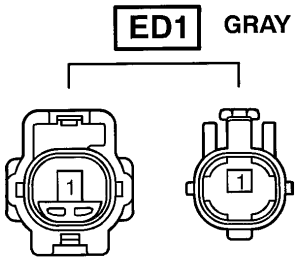
[LHD : 2C-T]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness

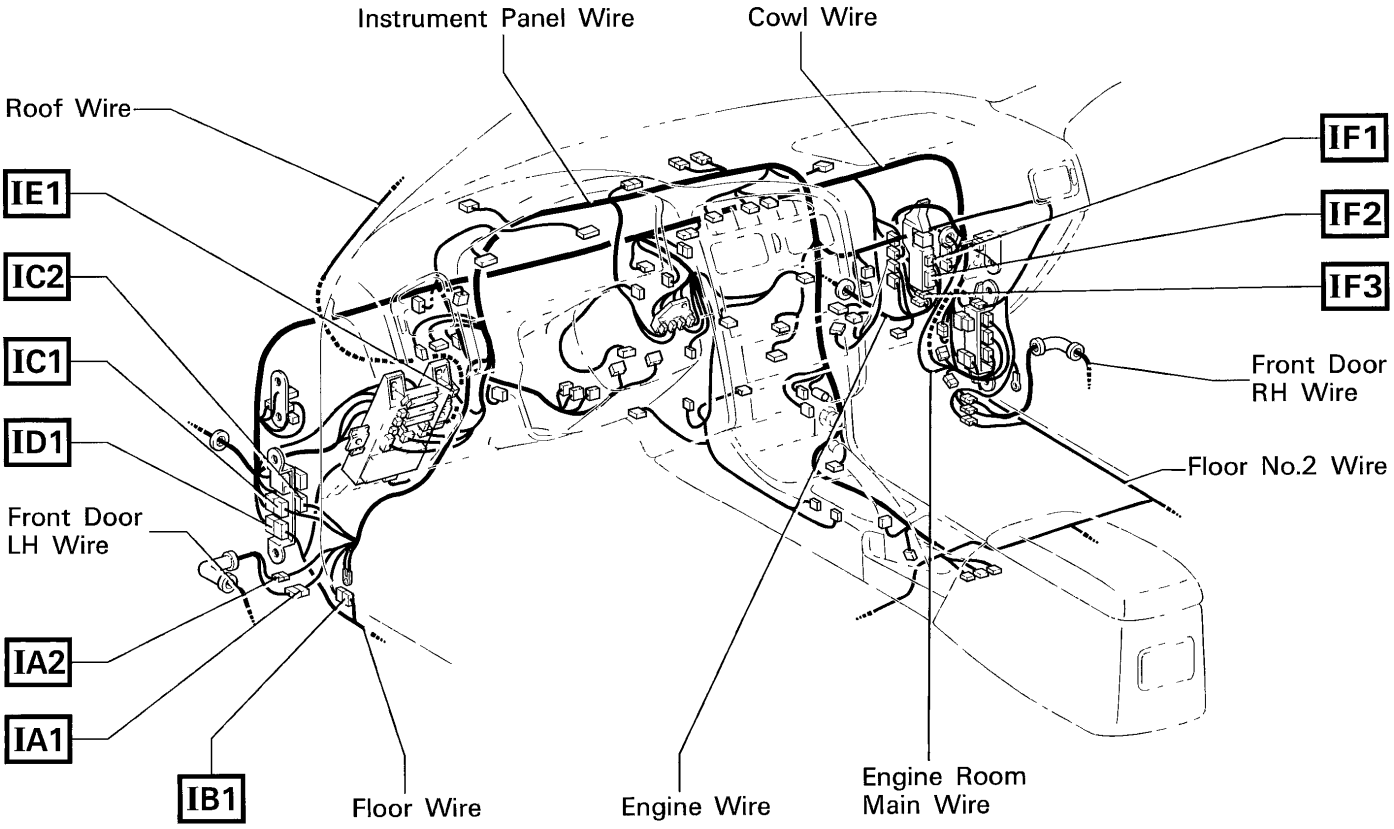


Code	Joining Wire Harness and Wire Harness (Connector Location)
ED1	Engine No.4 Wire and Engine Wire (Near the Starter)

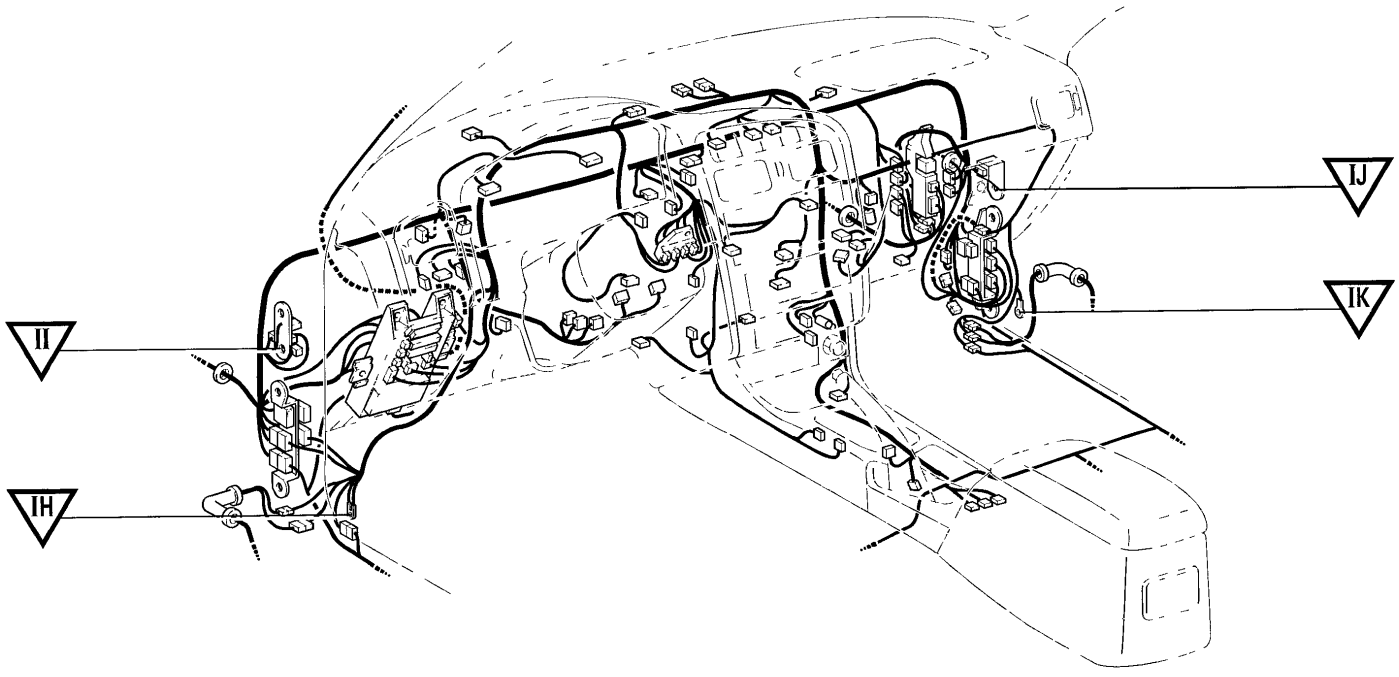
G ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness

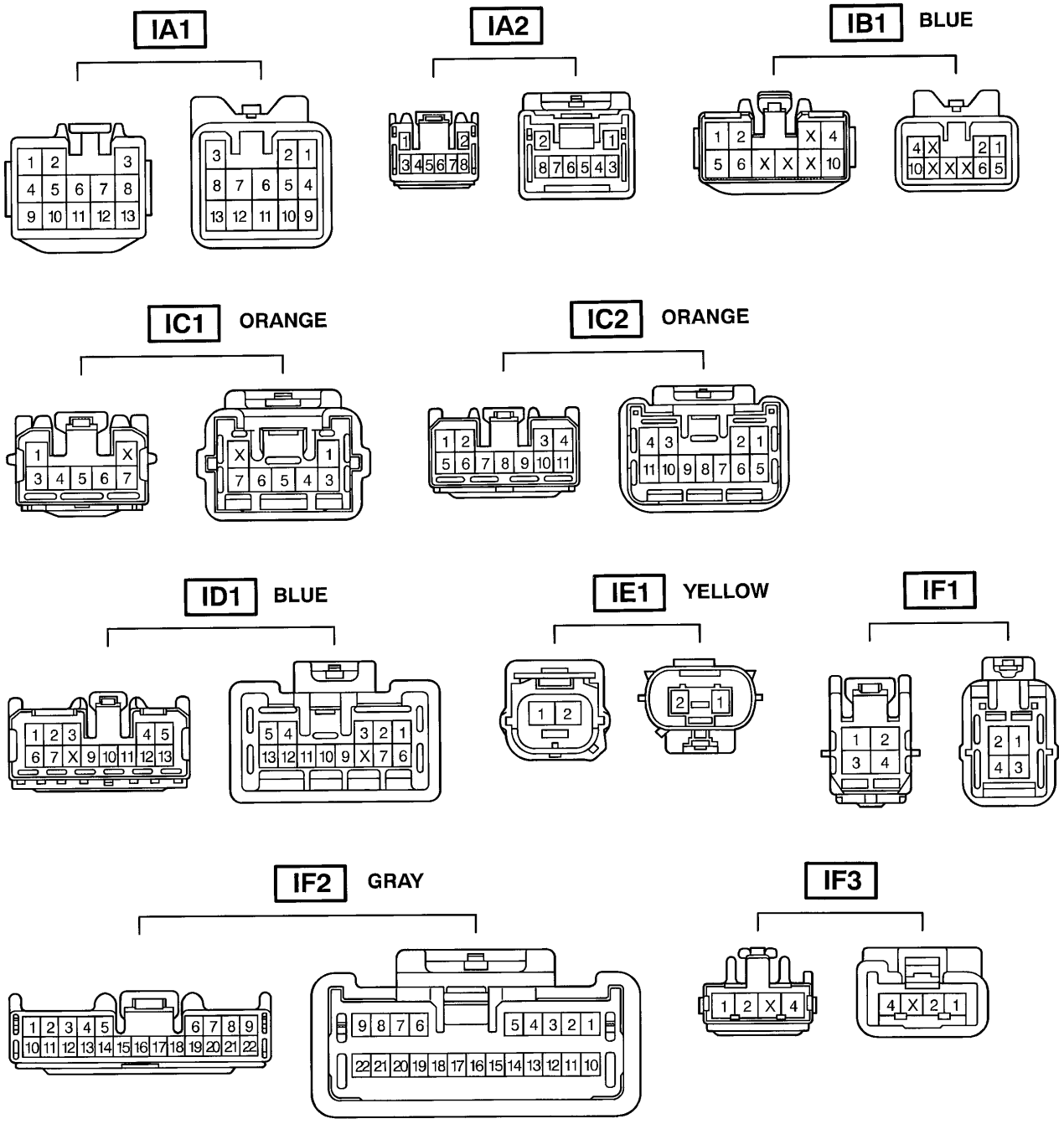
[LHD]



▽ : Location of Ground Points



Connector Joining Wire Harness and Wire Harness

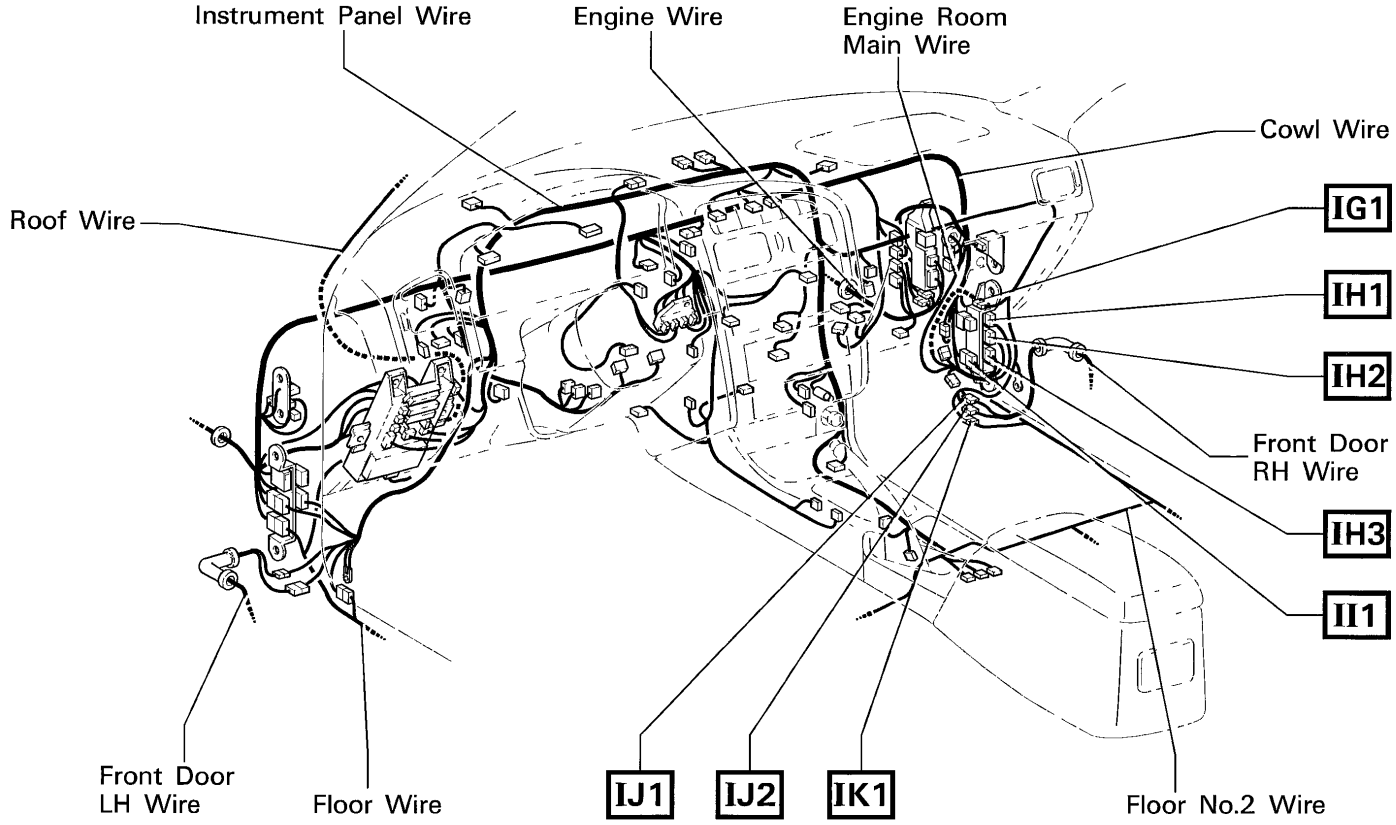


Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	
IB1	Instrument Panel Wire and Floor Wire (Left Kick Panel)
IC1	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IC2	
ID1	Floor Wire and Cowl Wire (Left Kick Panel)
IE1	Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B)
IF1	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	
IF3	

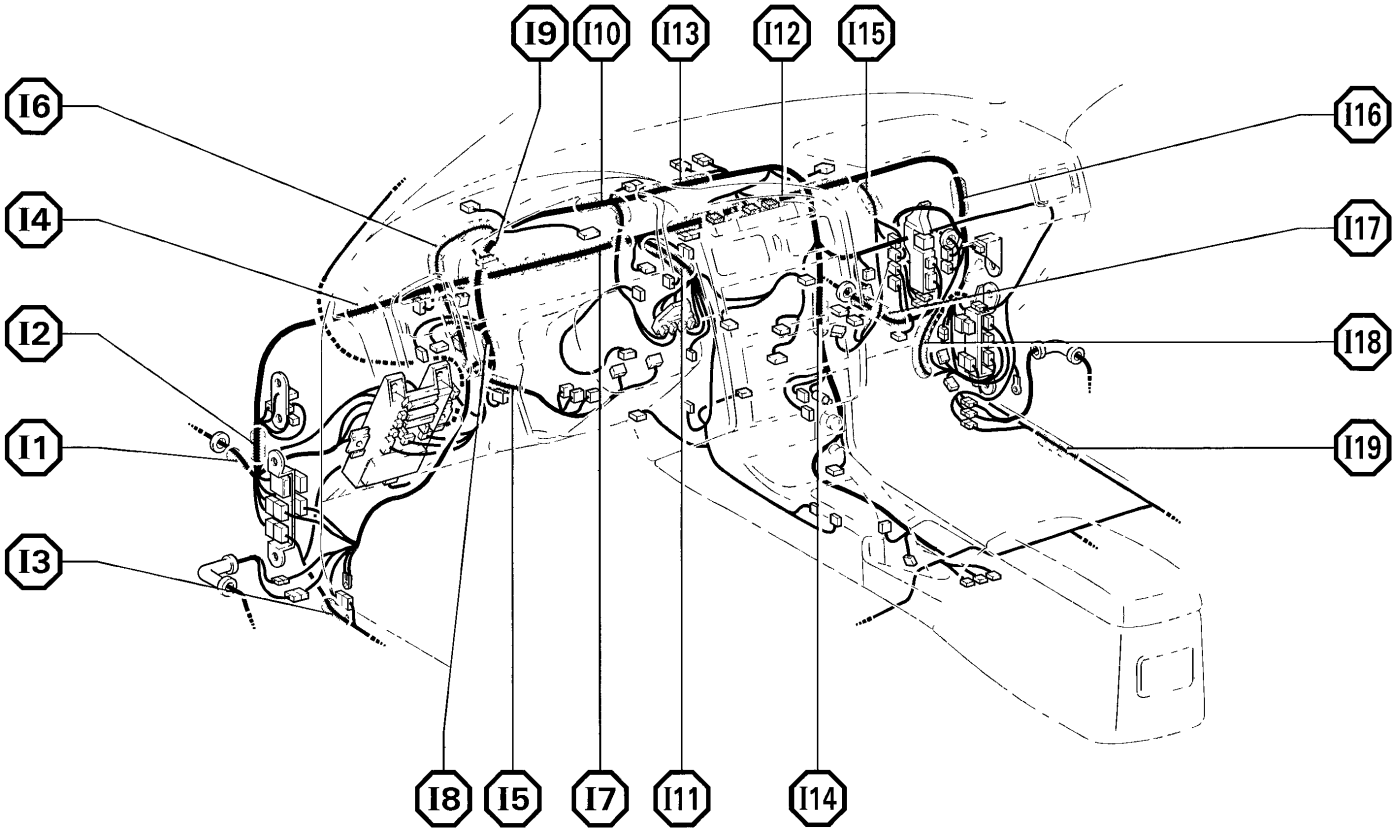
G ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness

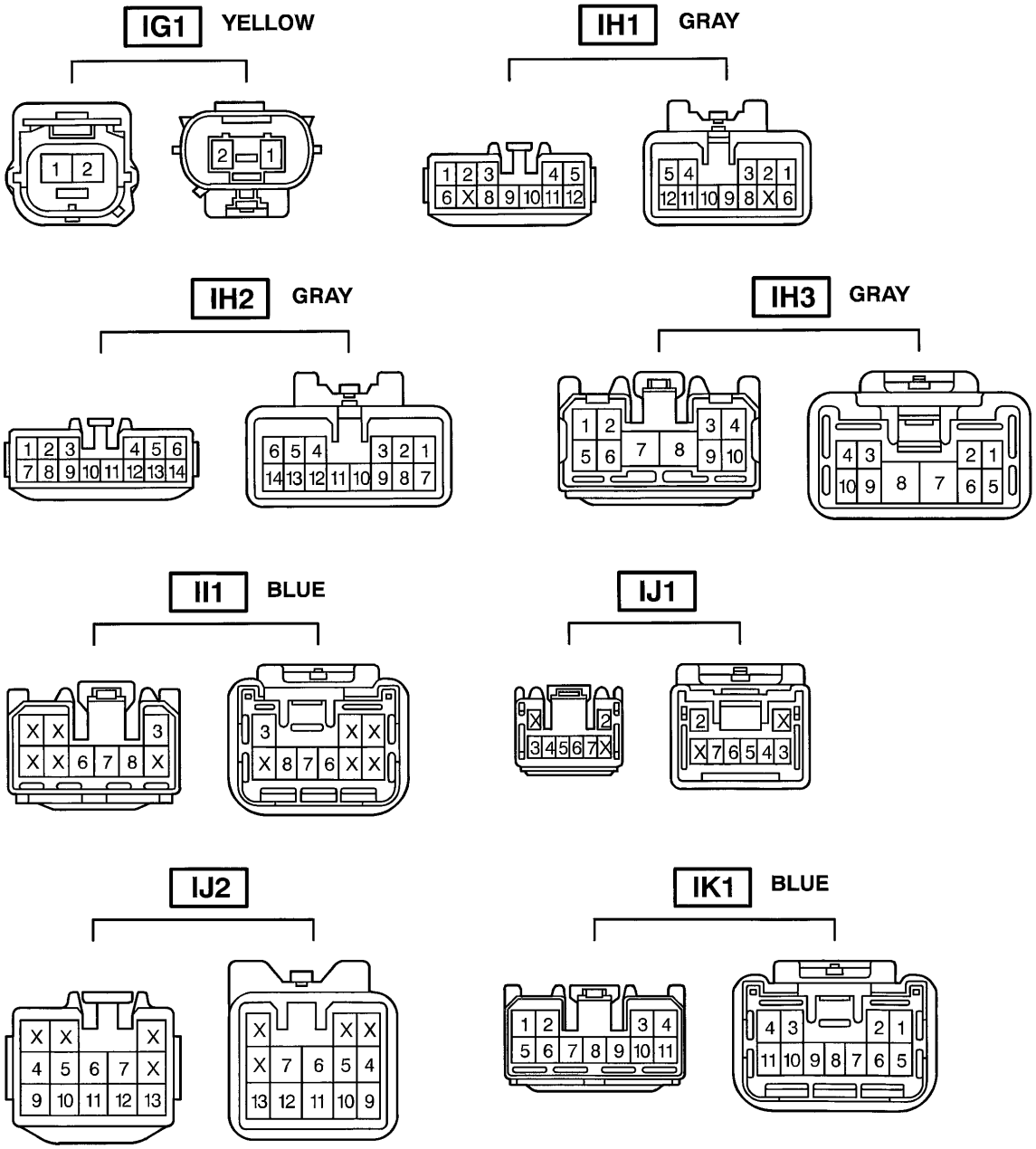
[LHD]



◯ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



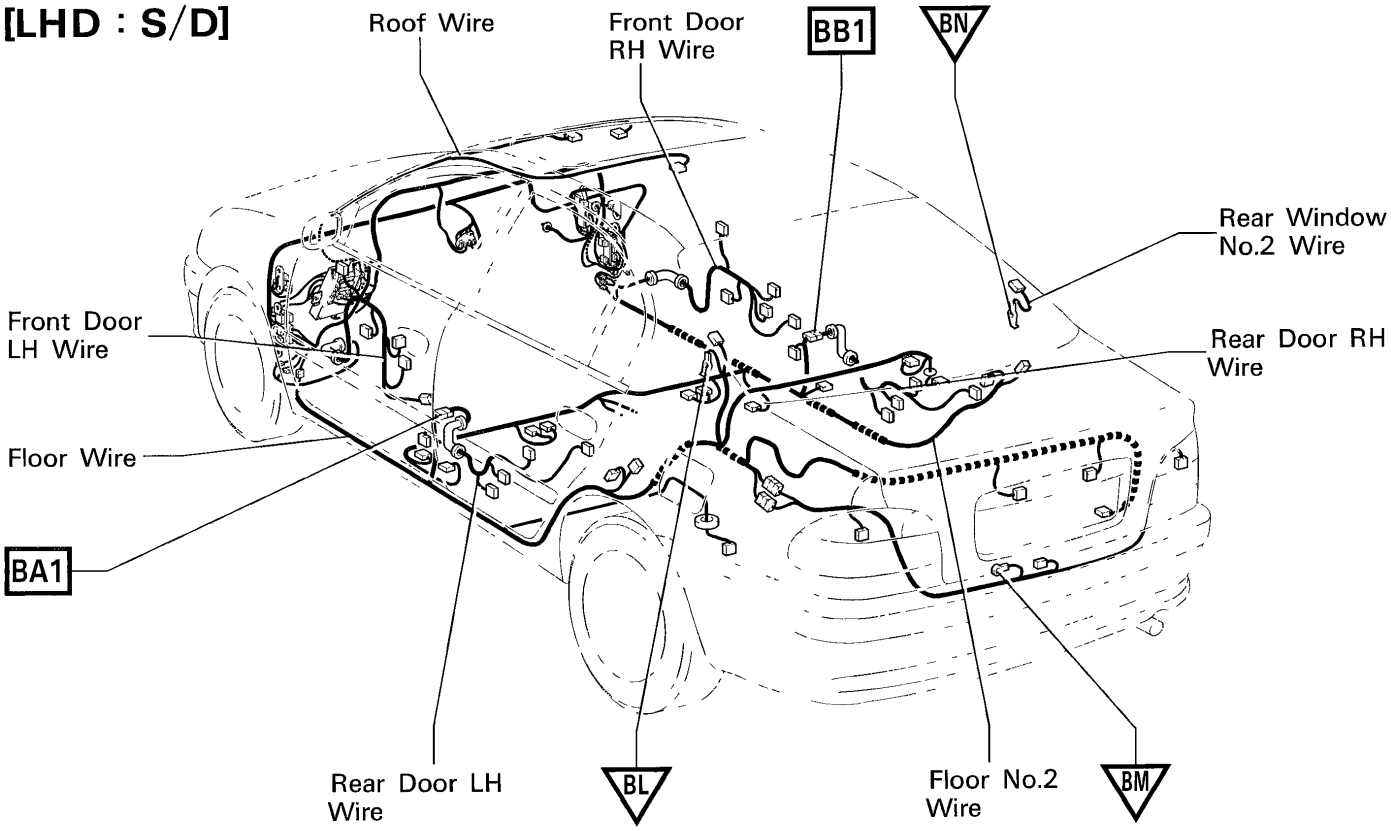
Code	Joining Wire Harness and Wire Harness (Connector Location)
IG1	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
IH1	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2	
IH3	
II1	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
IJ1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IJ2	
IK1	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)

G ELECTRICAL WIRING ROUTING

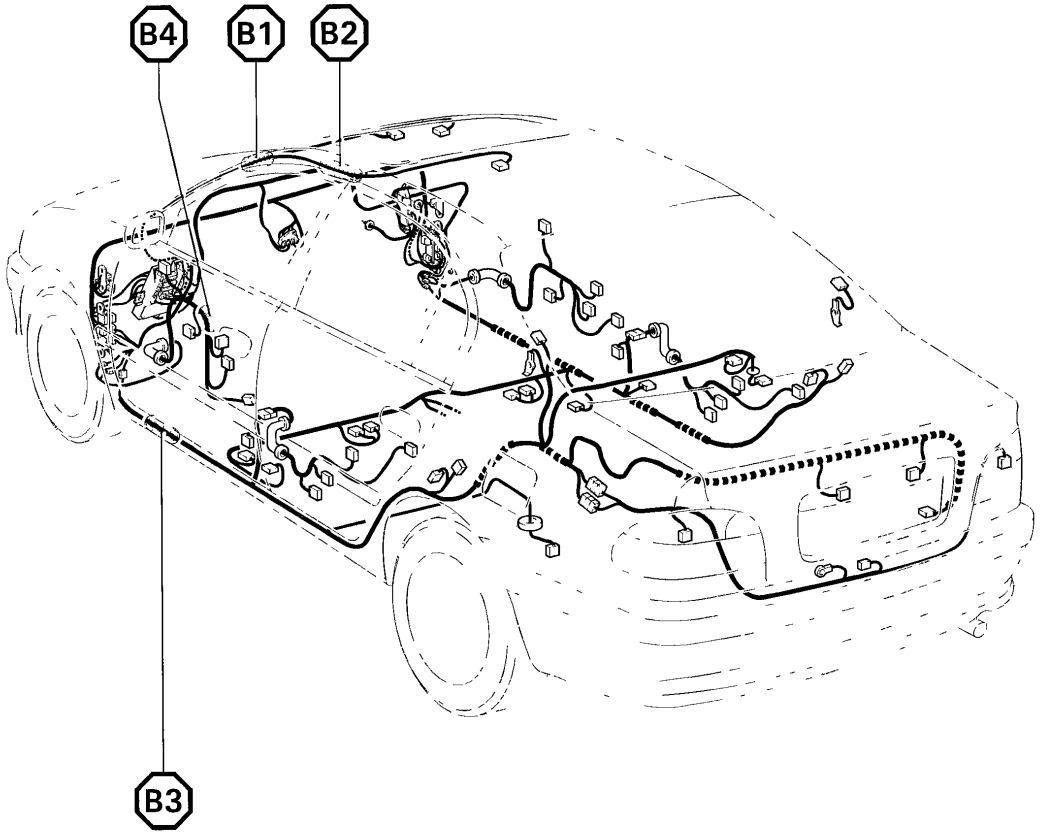
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

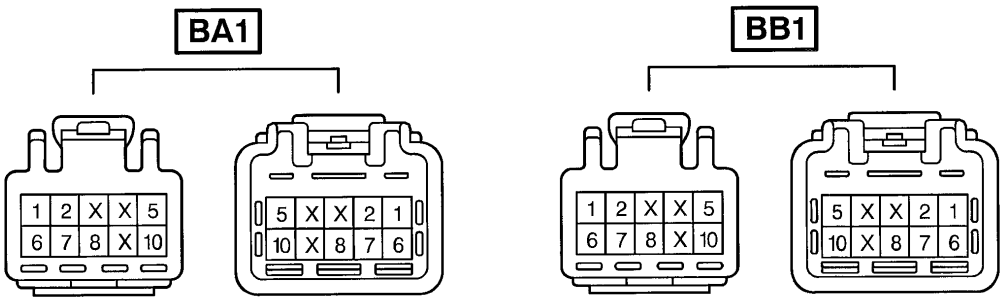
[LHD : S/D]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



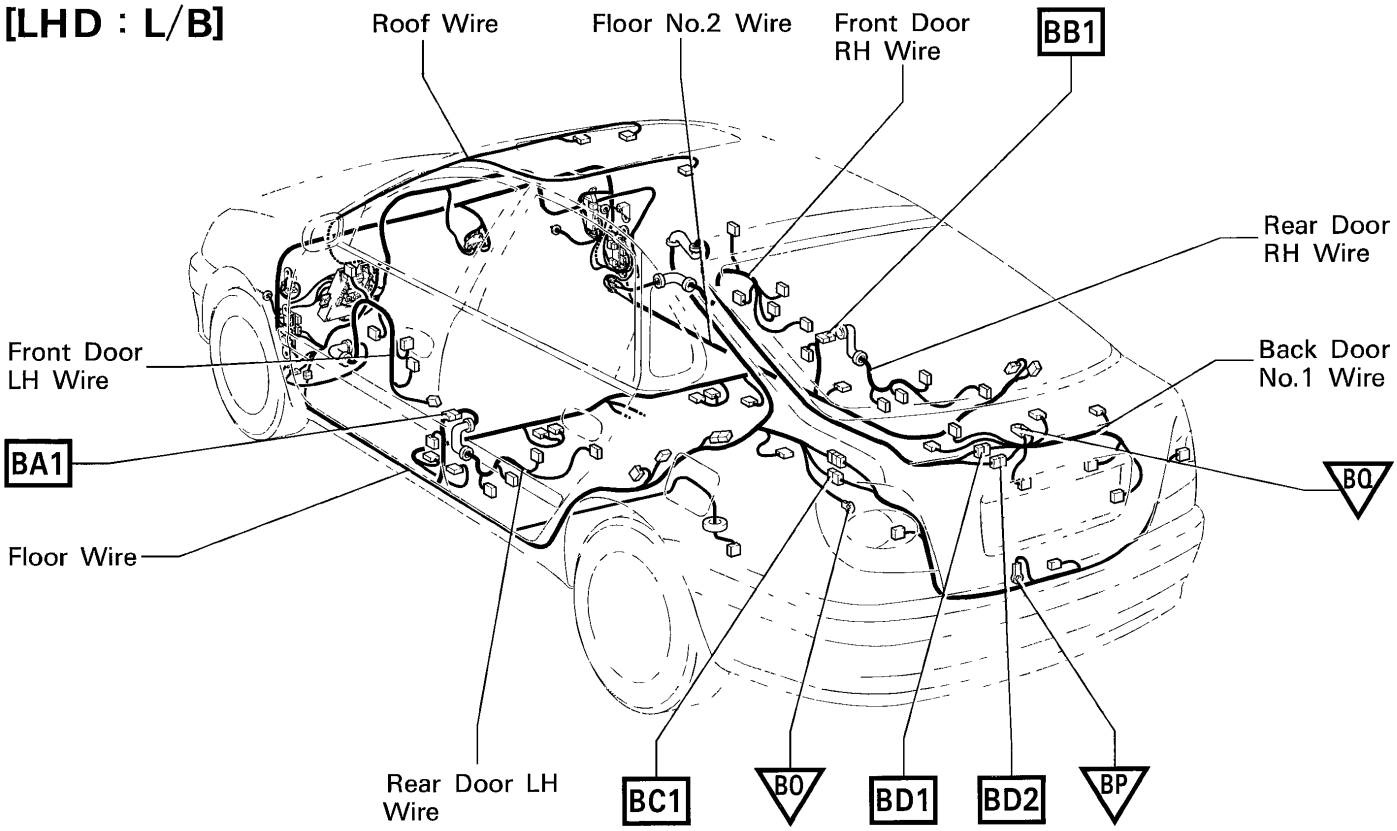
Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)

G ELECTRICAL WIRING ROUTING

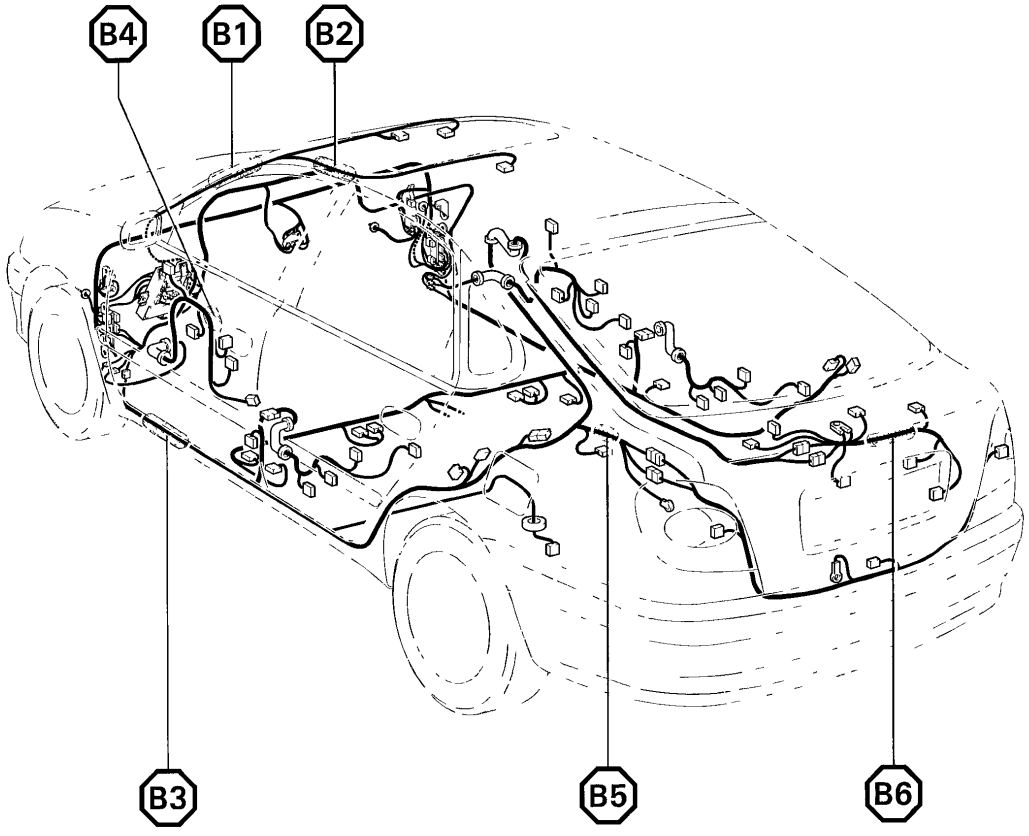
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

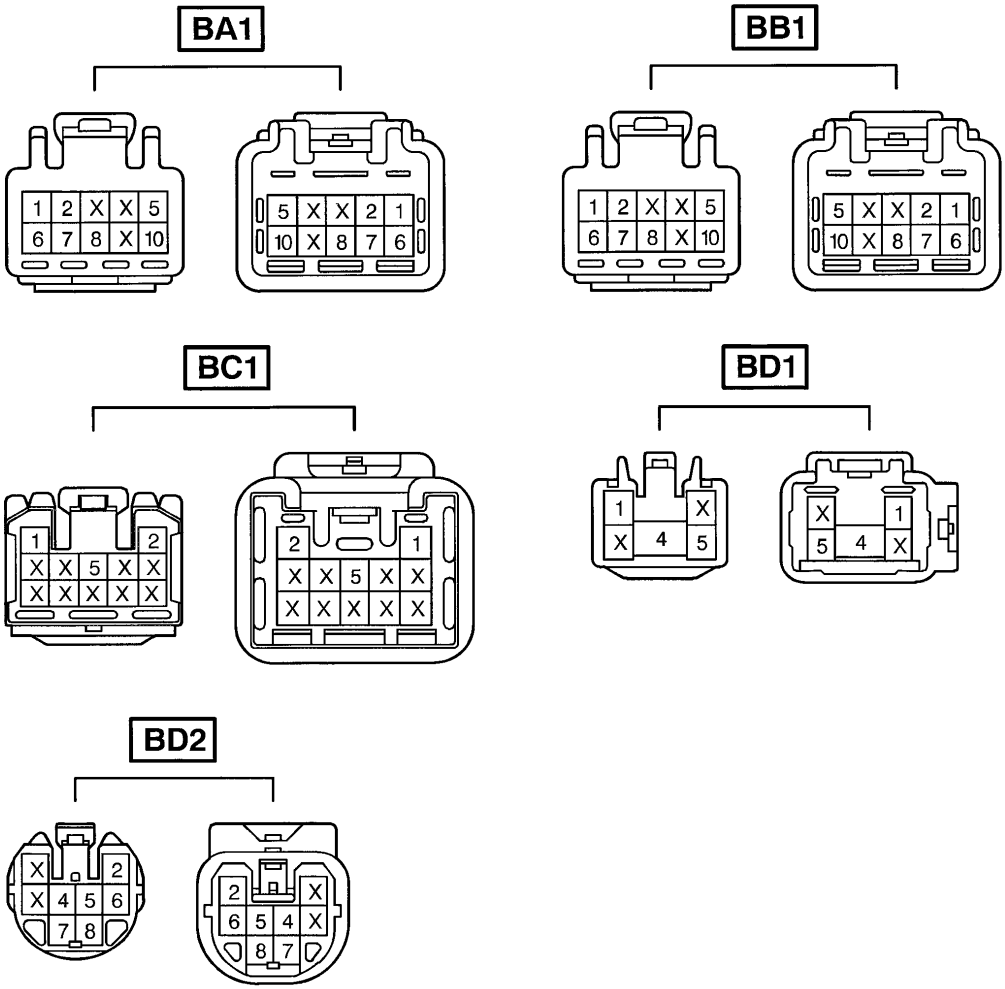
[LHD : L/B]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



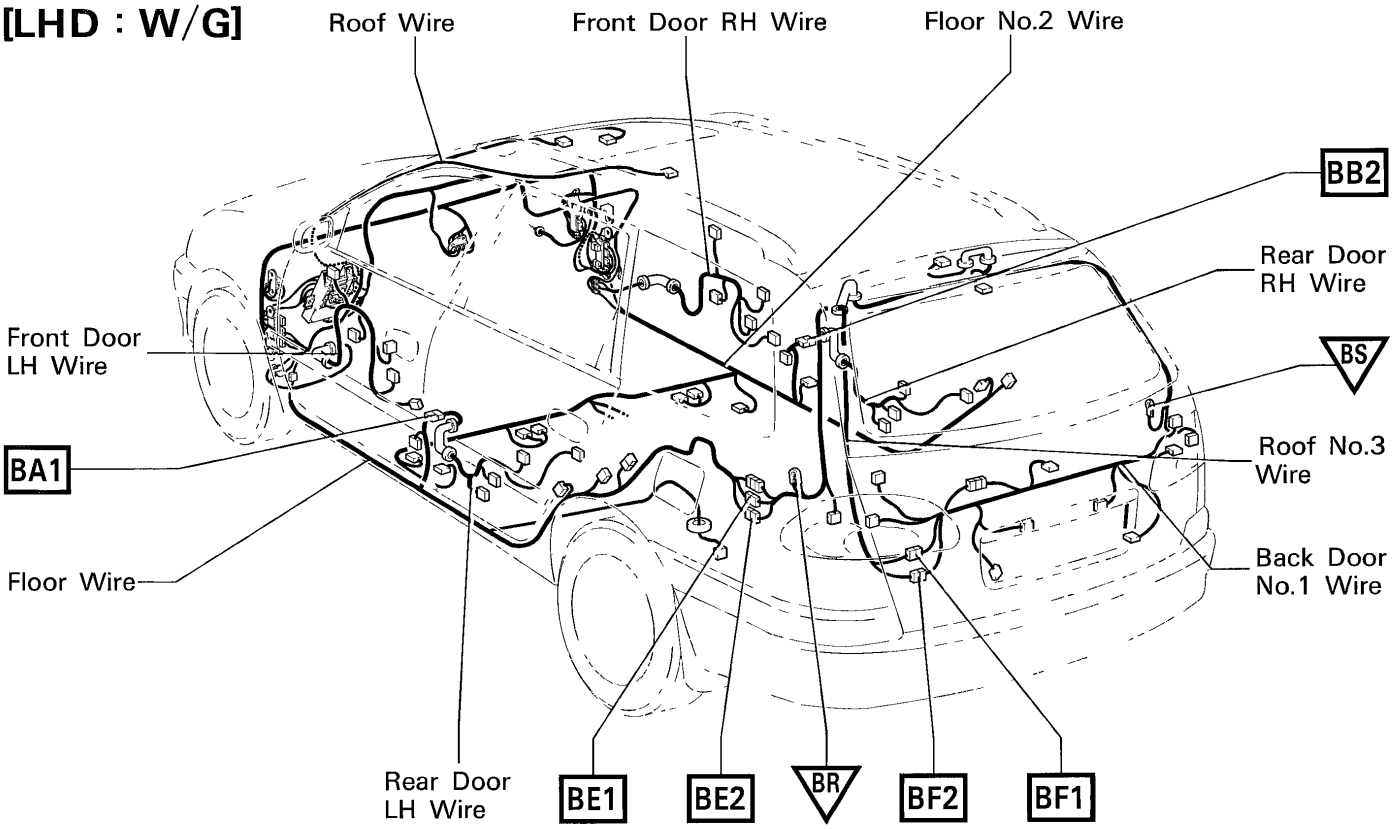
Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
BC1	Floor Wire and Floor Wire (Under the Left Quarter Pillar)
BD1	Floor Wire and Back Door No.1 Wire (Back Door Left)
BD2	

G ELECTRICAL WIRING ROUTING

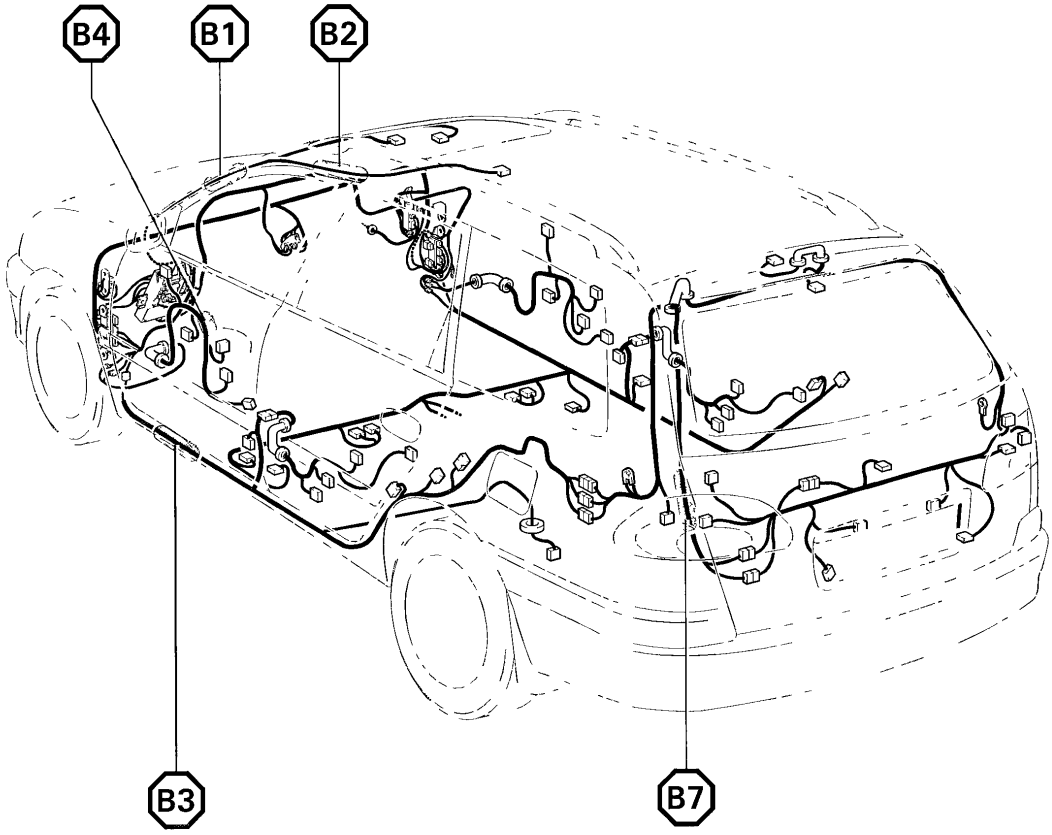
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

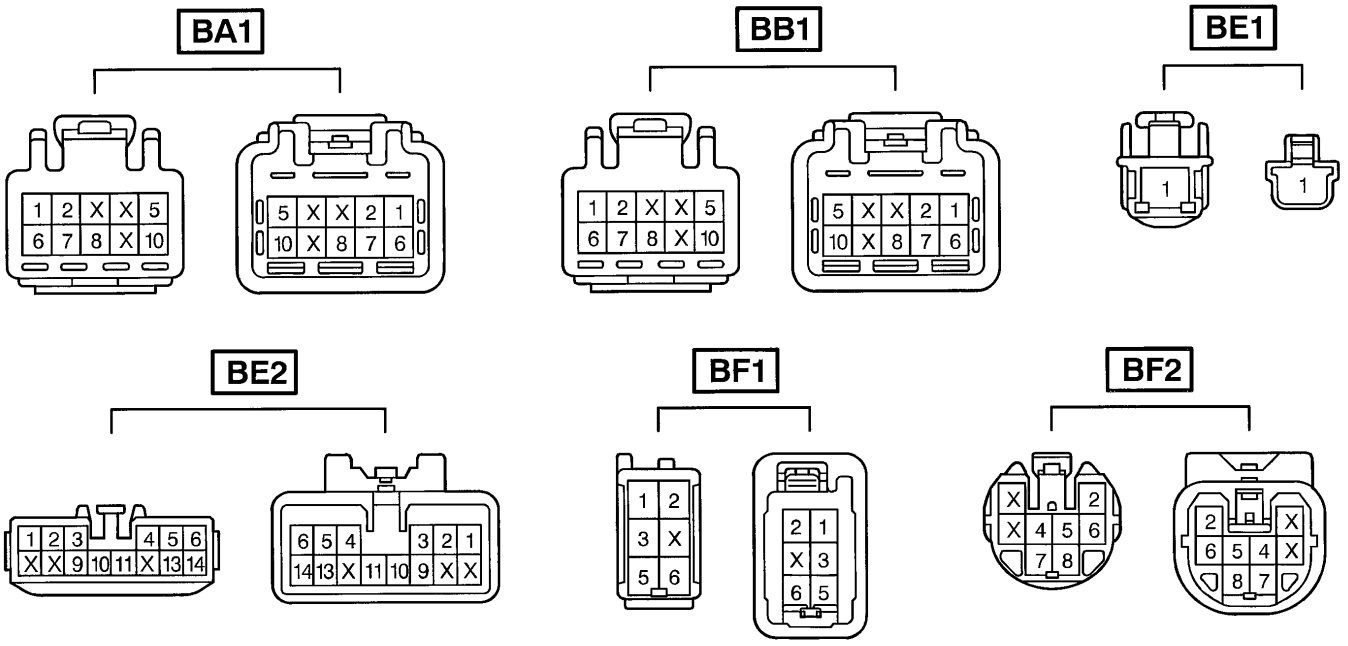
[LHD : W/G]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



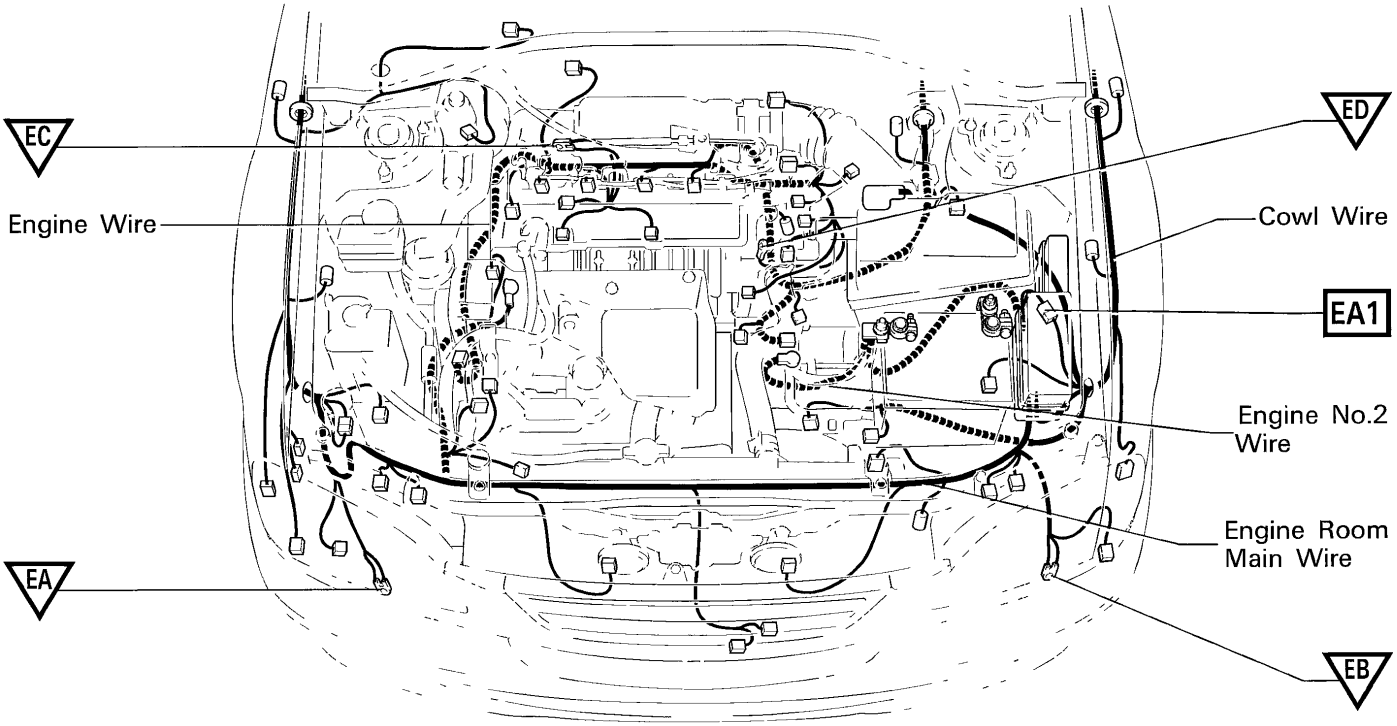
Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
BE1	Roof No.3 Wire and Floor Wire (Left Quarter Panel)
BE2	Floor Wire and Roof No.3 Wire (Left Quarter Panel)
BF1	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2	

G ELECTRICAL WIRING ROUTING

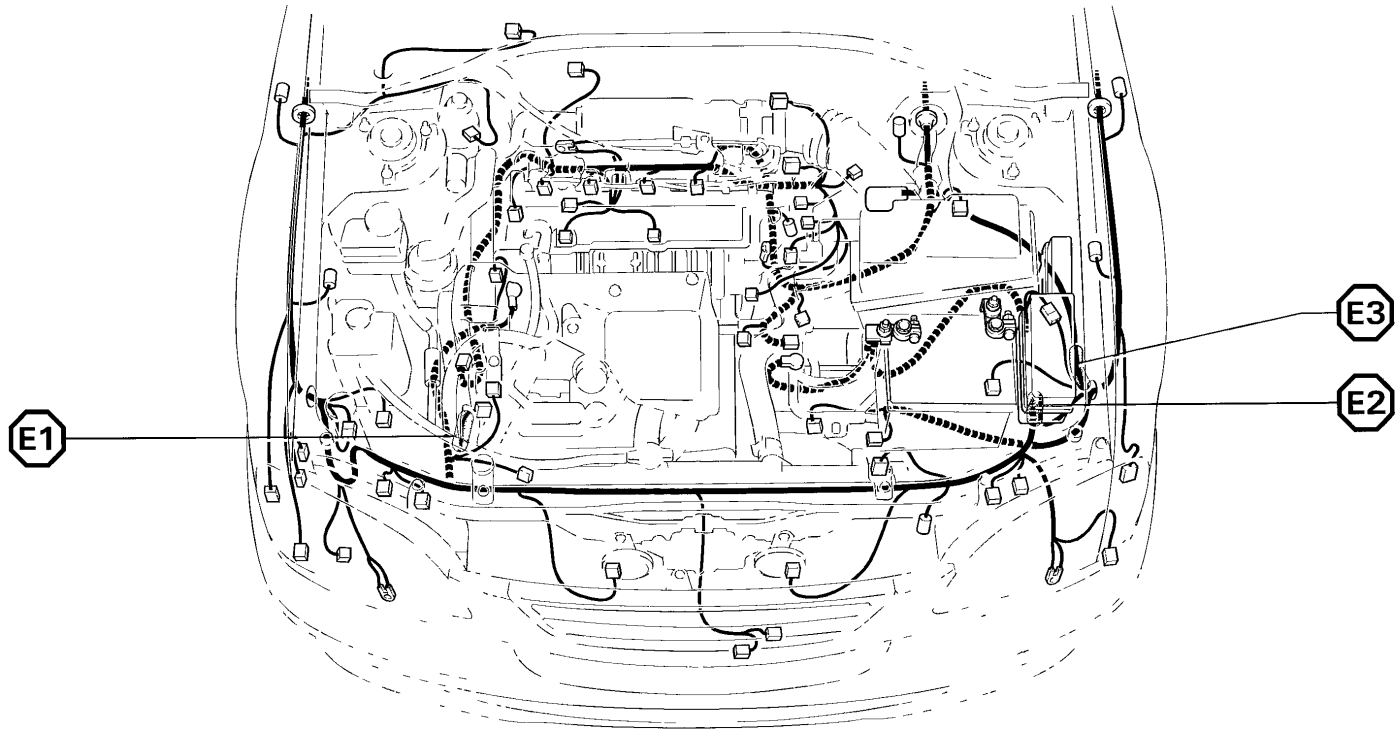
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

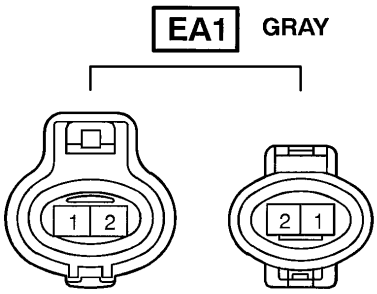
[RHD : 3S-FE]



◯ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



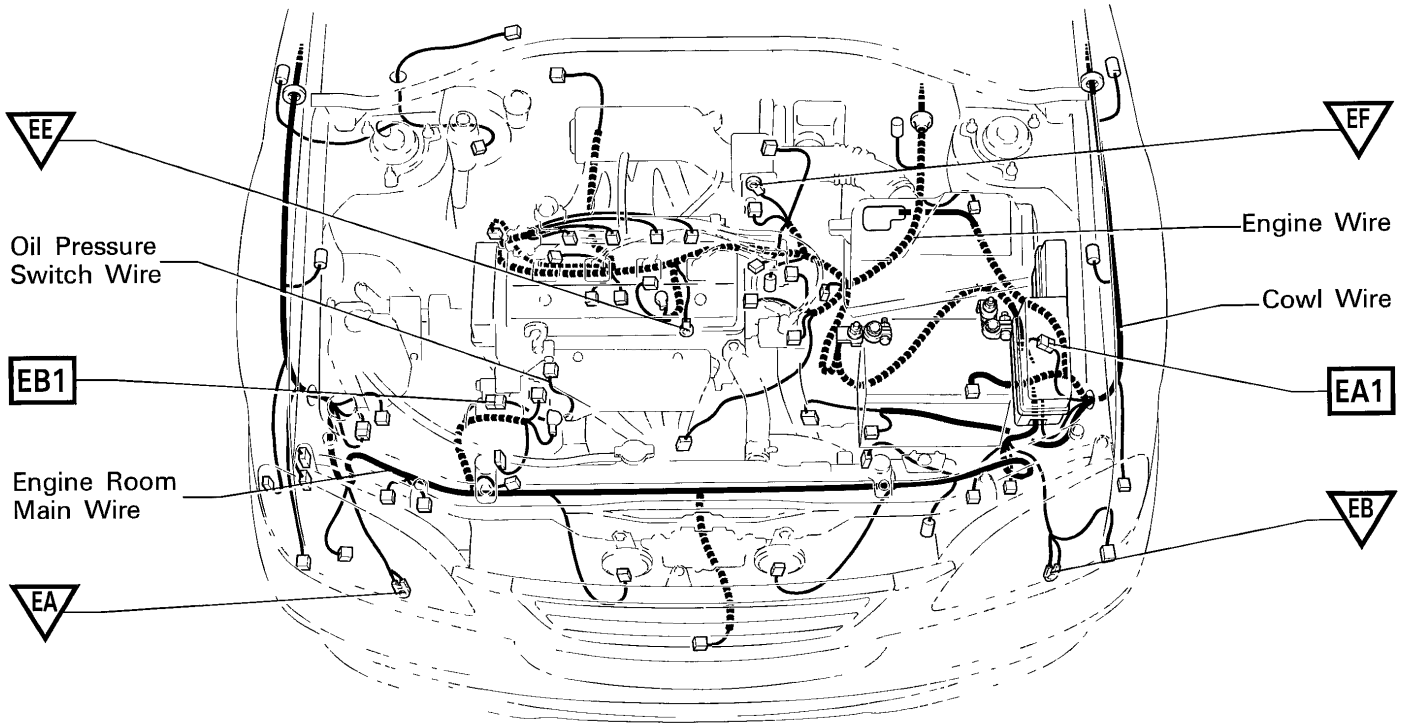
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

G ELECTRICAL WIRING ROUTING

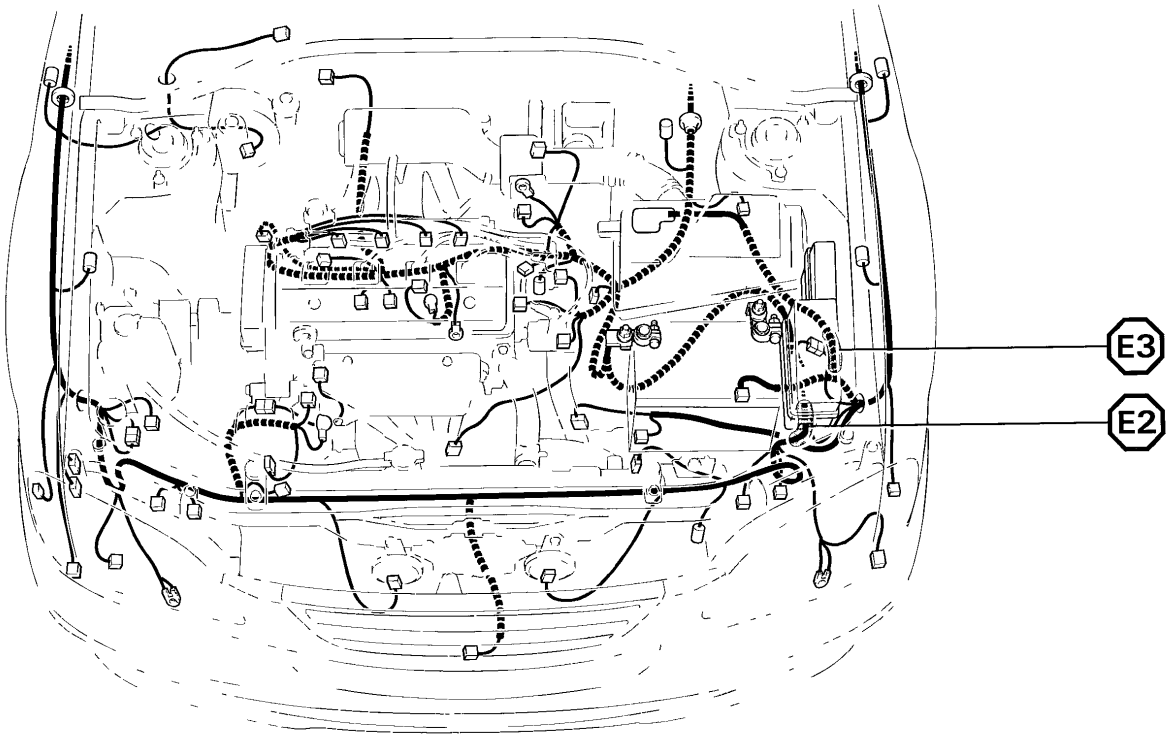
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

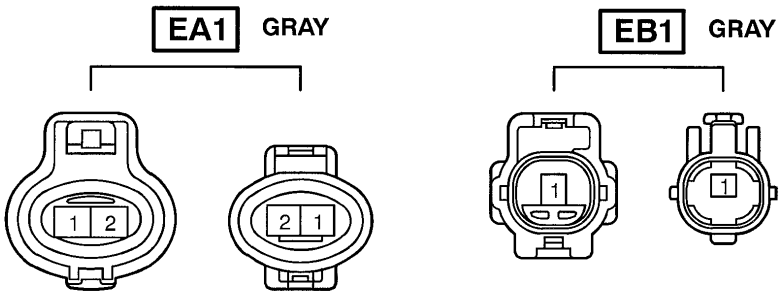
[RHD : 7A-FE, 4A-FE Lean Burn Type]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



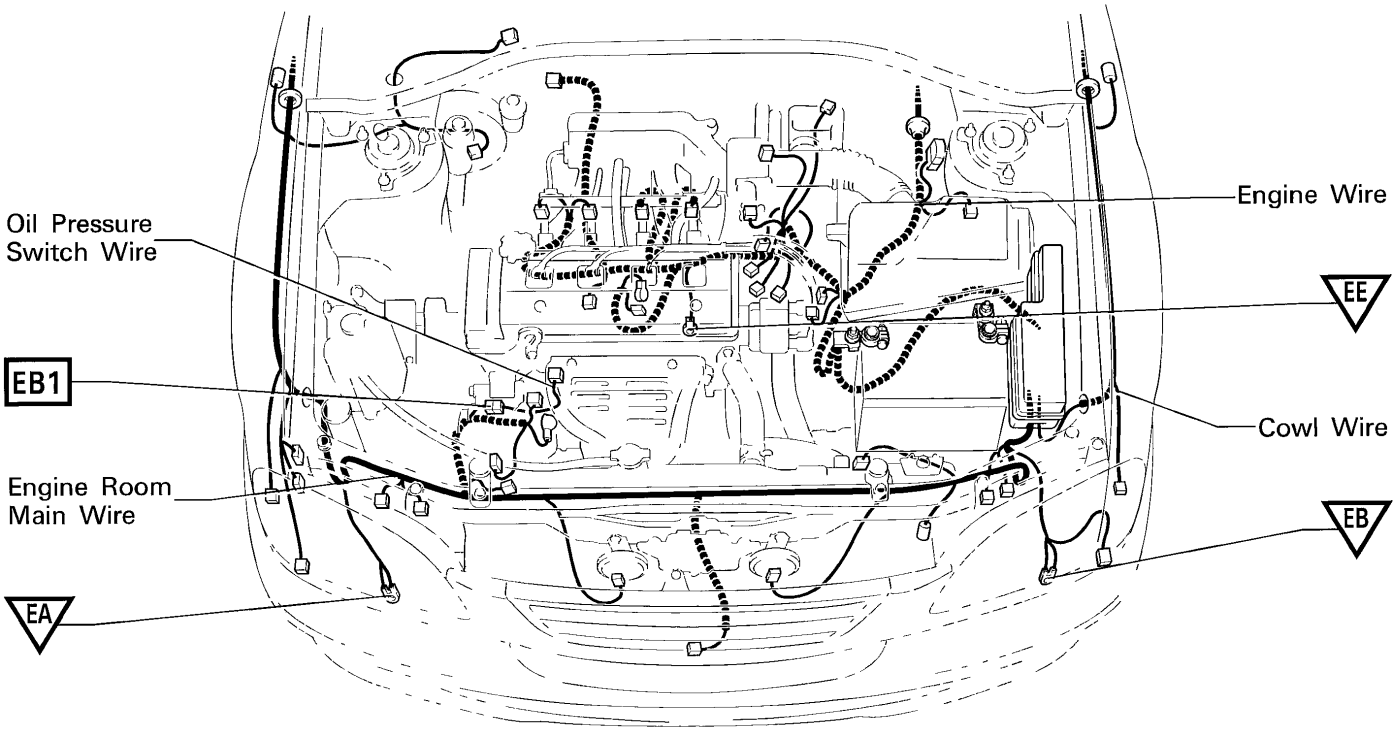
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

G ELECTRICAL WIRING ROUTING

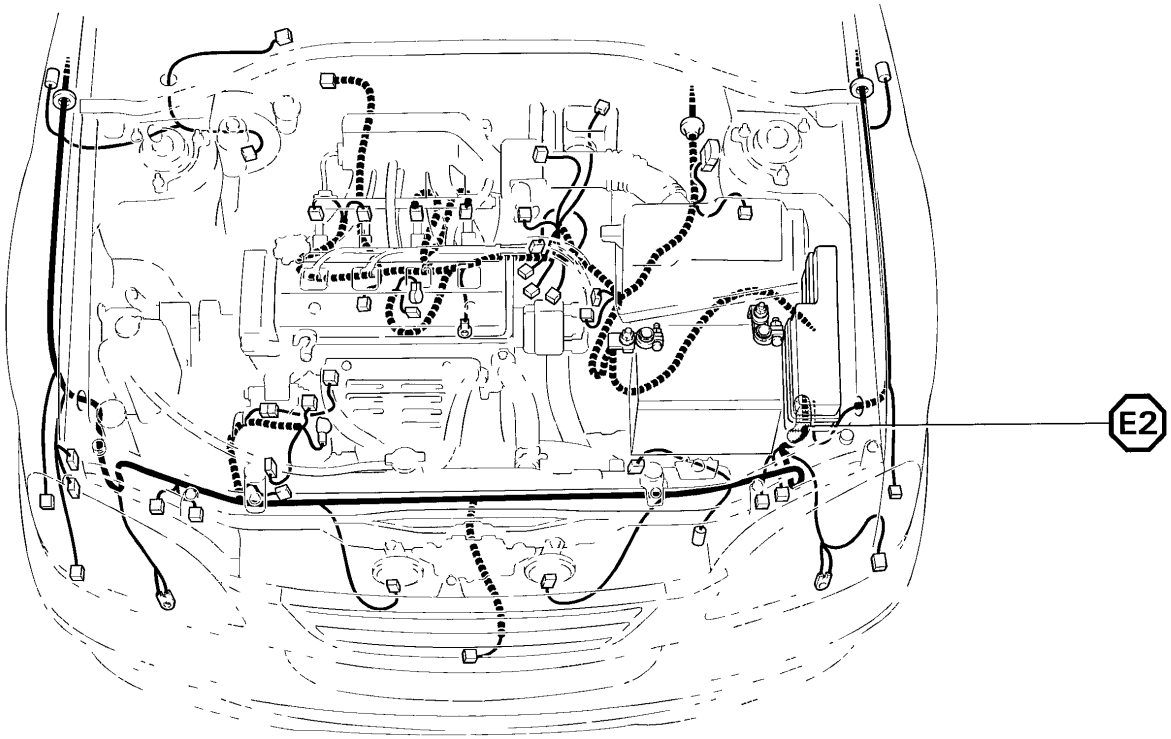
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

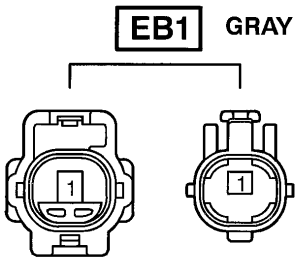
[RHD : 4A-FE Stoichiometric Type]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



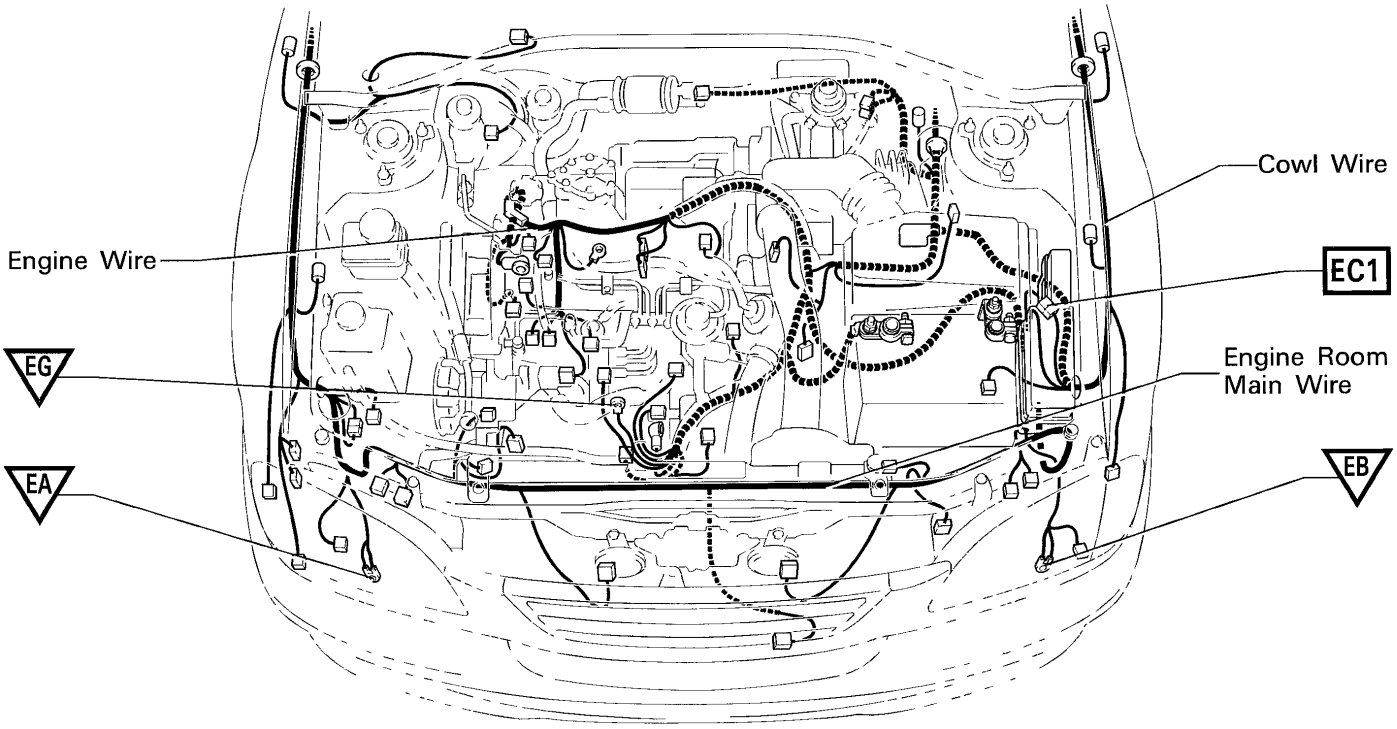
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

G ELECTRICAL WIRING ROUTING

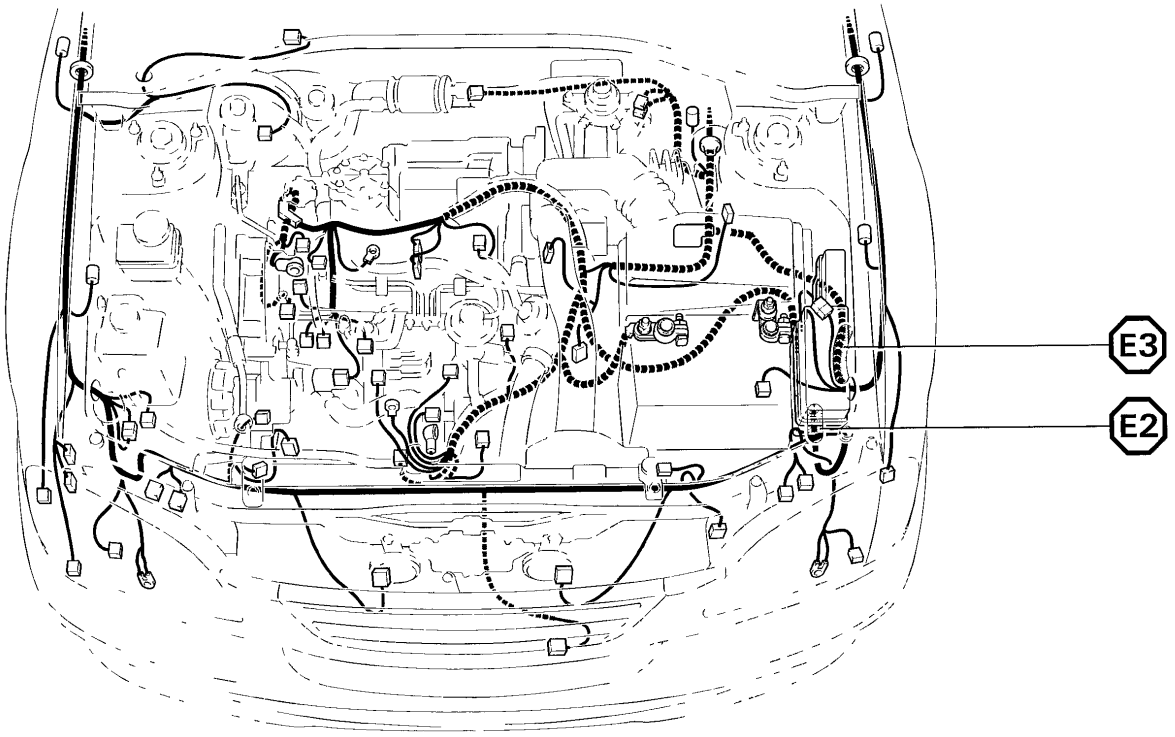
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

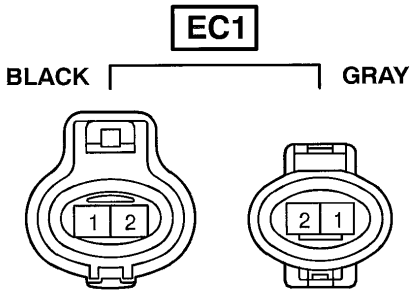
[RHD : 2C-TE]



○ : Location of Splice Points



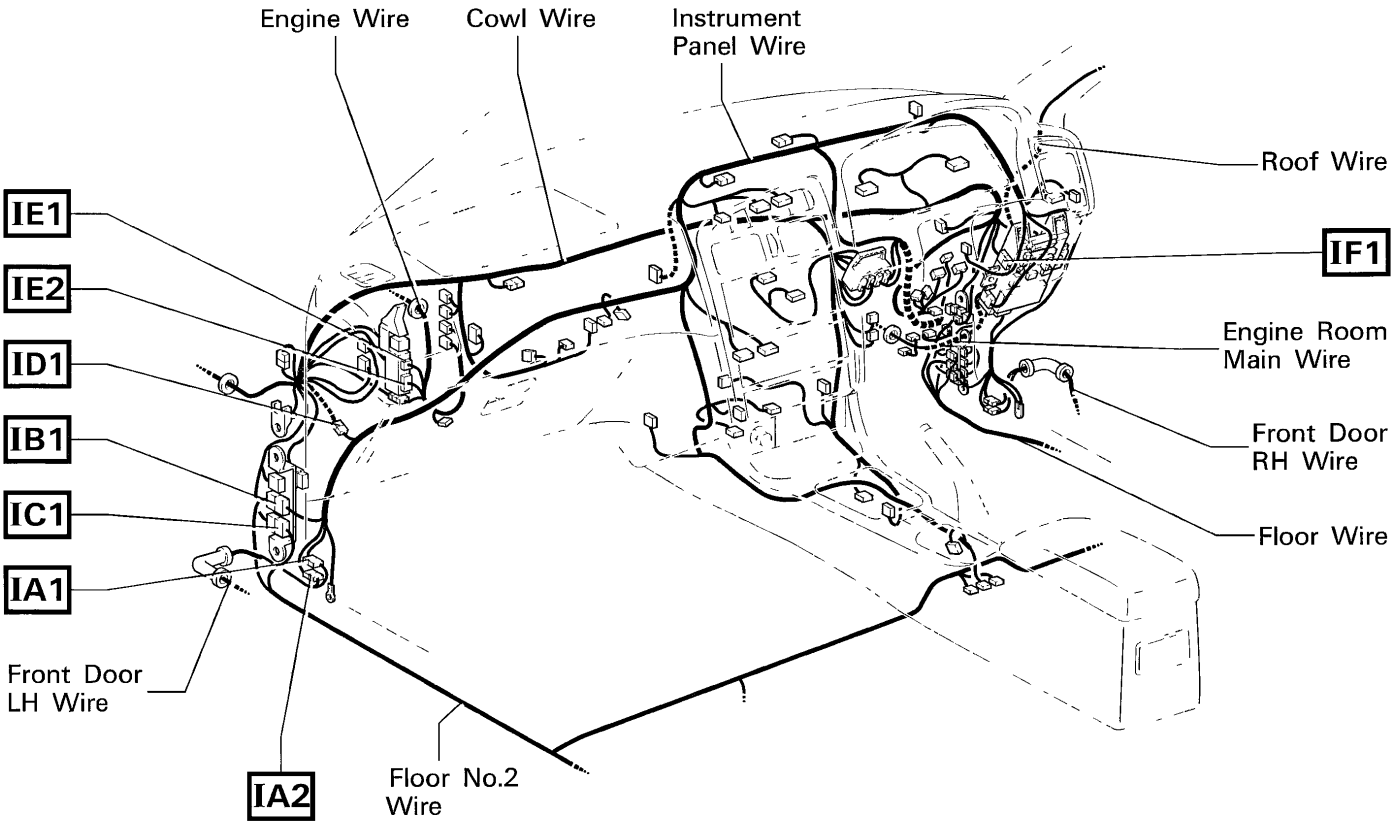
Connector Joining Wire Harness and Wire Harness



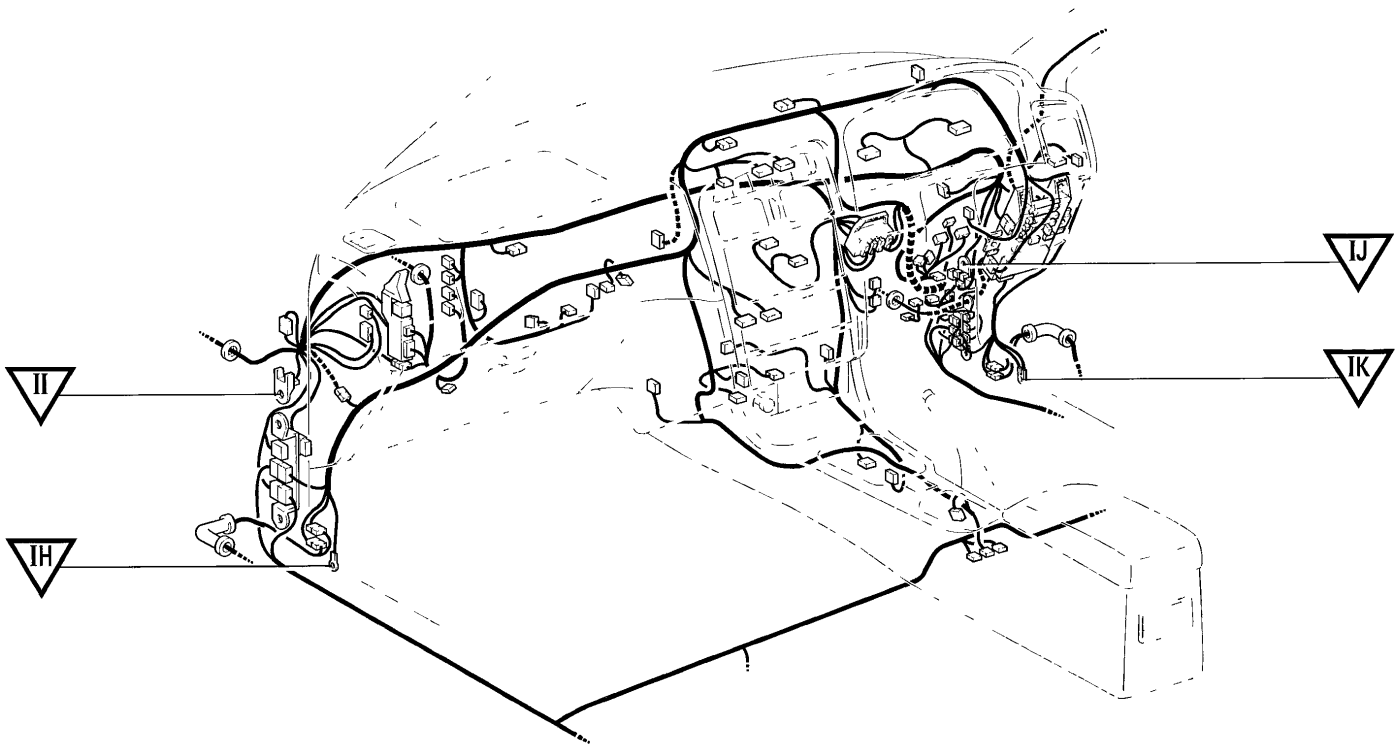
Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)

▭ : Location of Connector Joining Wire Harness and Wire Harness

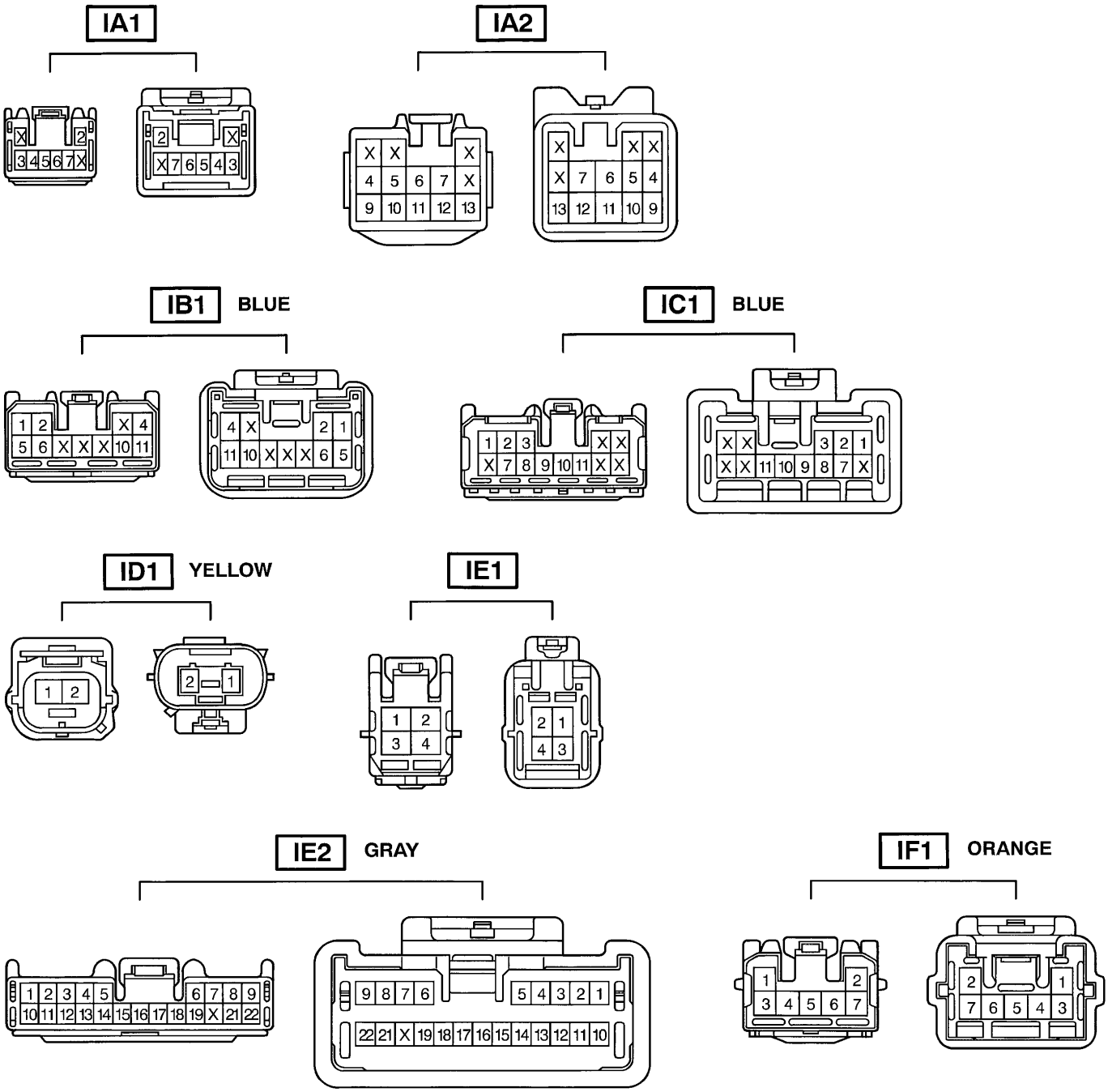
[RHD]



▽ : Location of Ground Points



Connector Joining Wire Harness and Wire Harness

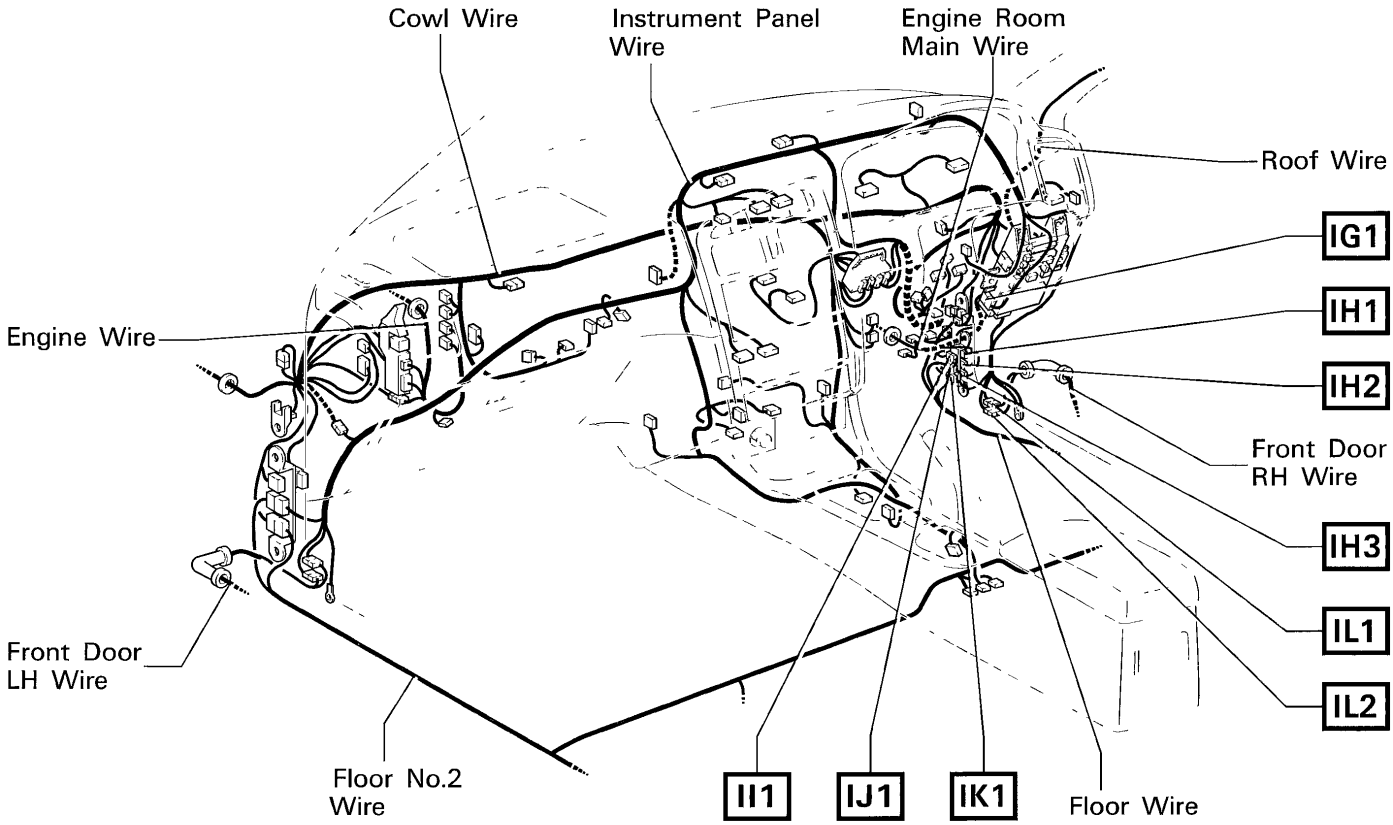


Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	
IB1	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IC1	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
ID1	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IE1	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2	
IF1	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)

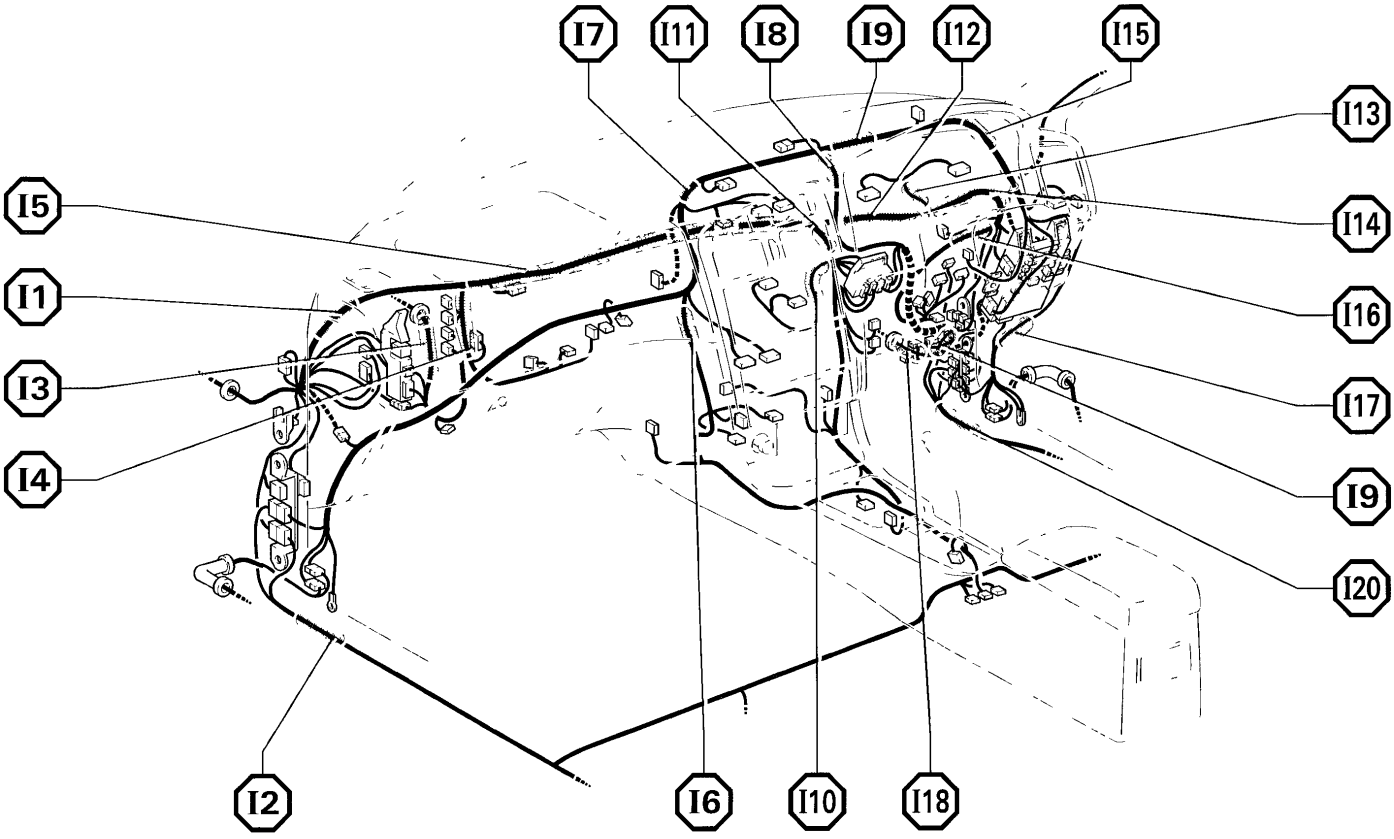
G ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness

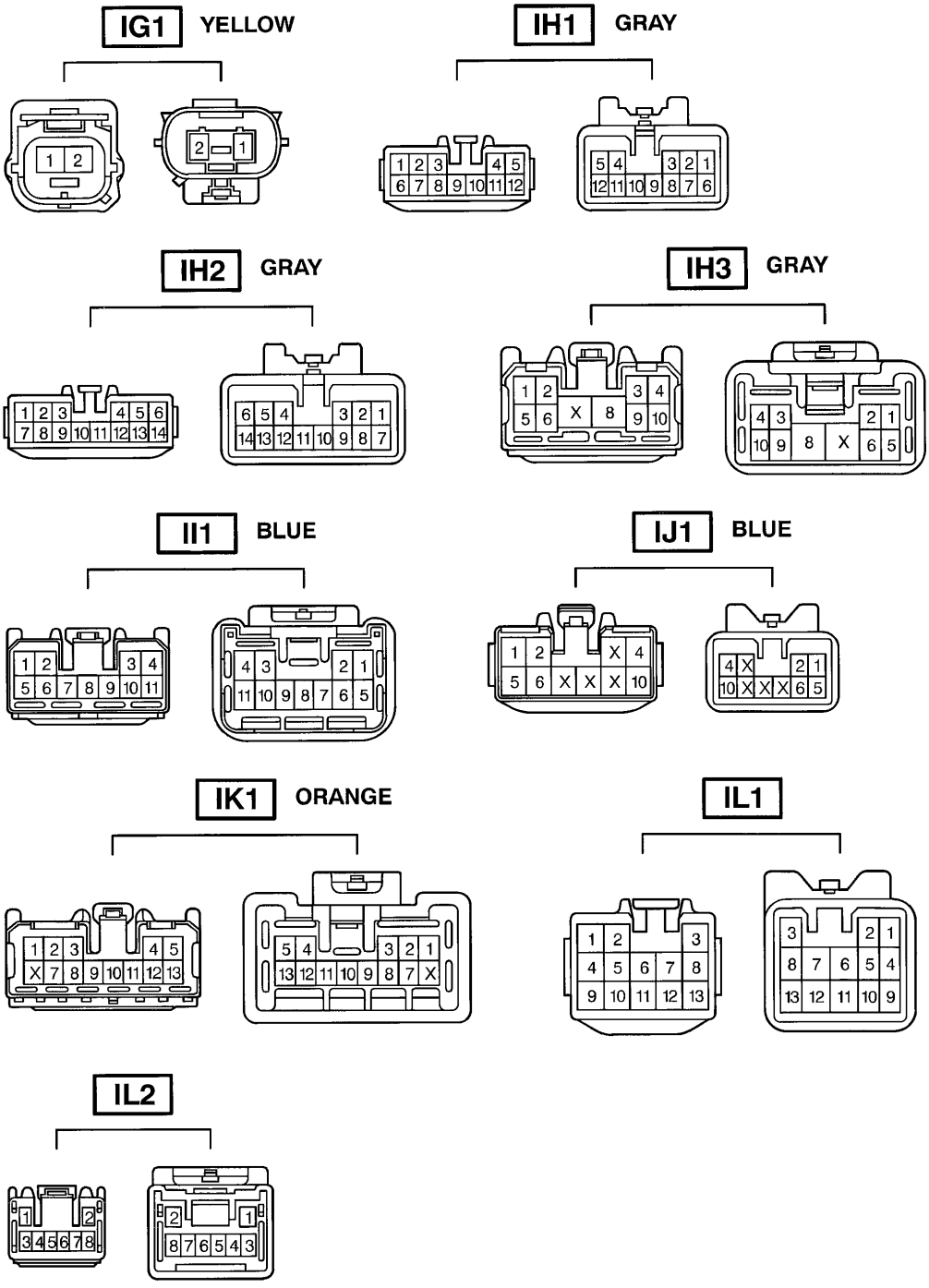
[RHD]



⬡ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



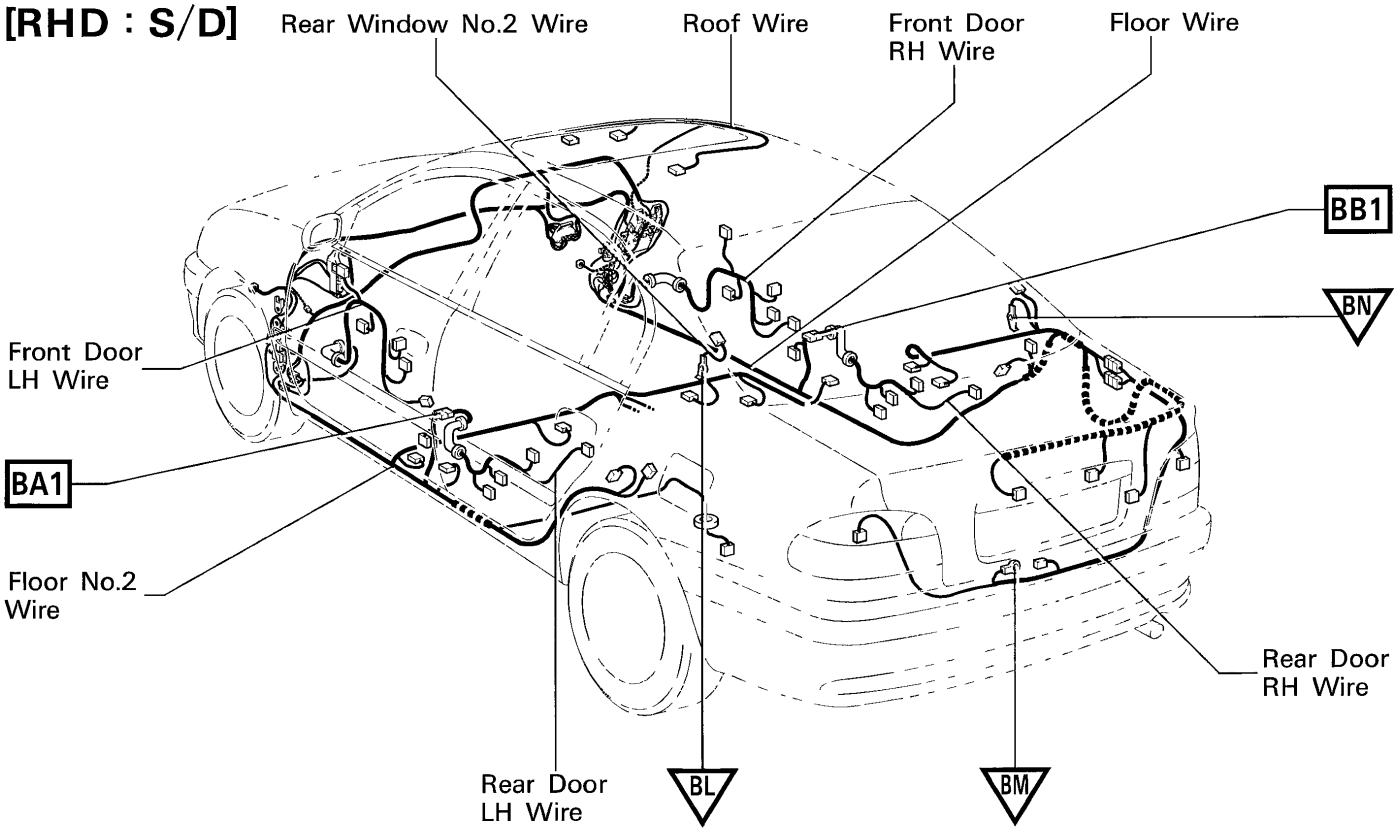
Code	Joining Wire Harness and Wire Harness (Connector Location)
IG1	Instrument Panel Wire and Engine Room Main Wire (Left Side of the Instrument Panel J/B)
IH1	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2	
IH3	
II1	Floor Wire and Cowl Wire (Right Kick Panel)
IJ1	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IK1	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2	

G ELECTRICAL WIRING ROUTING

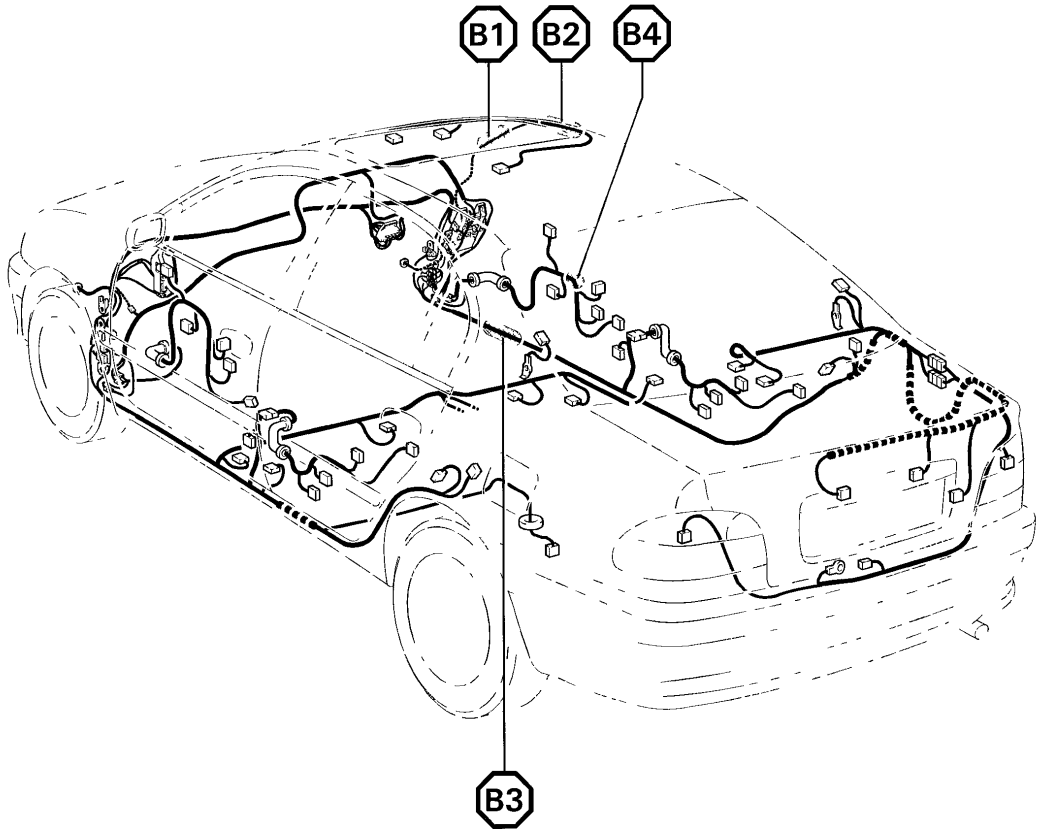
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

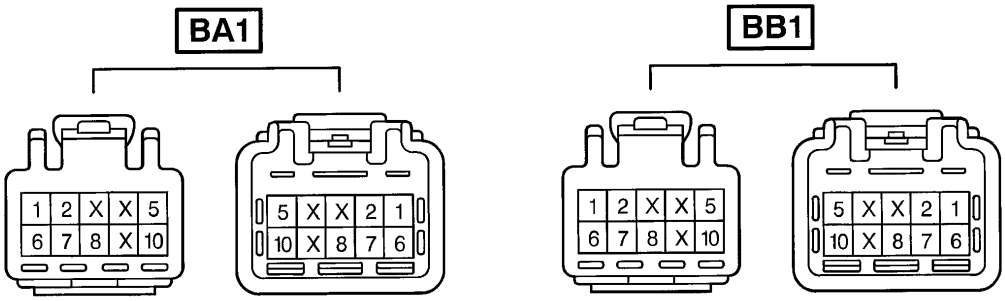
[RHD : S/D]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



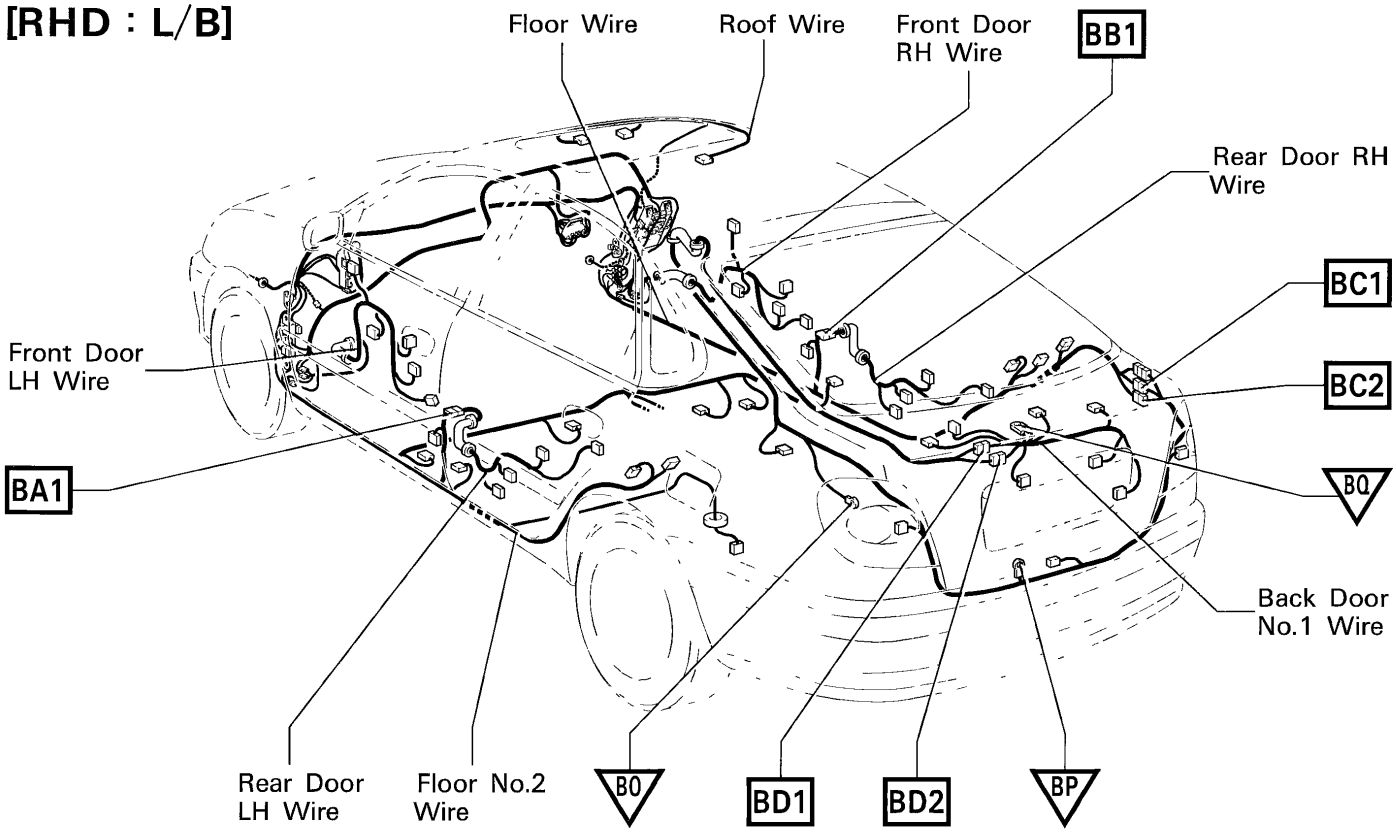
Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)

G ELECTRICAL WIRING ROUTING

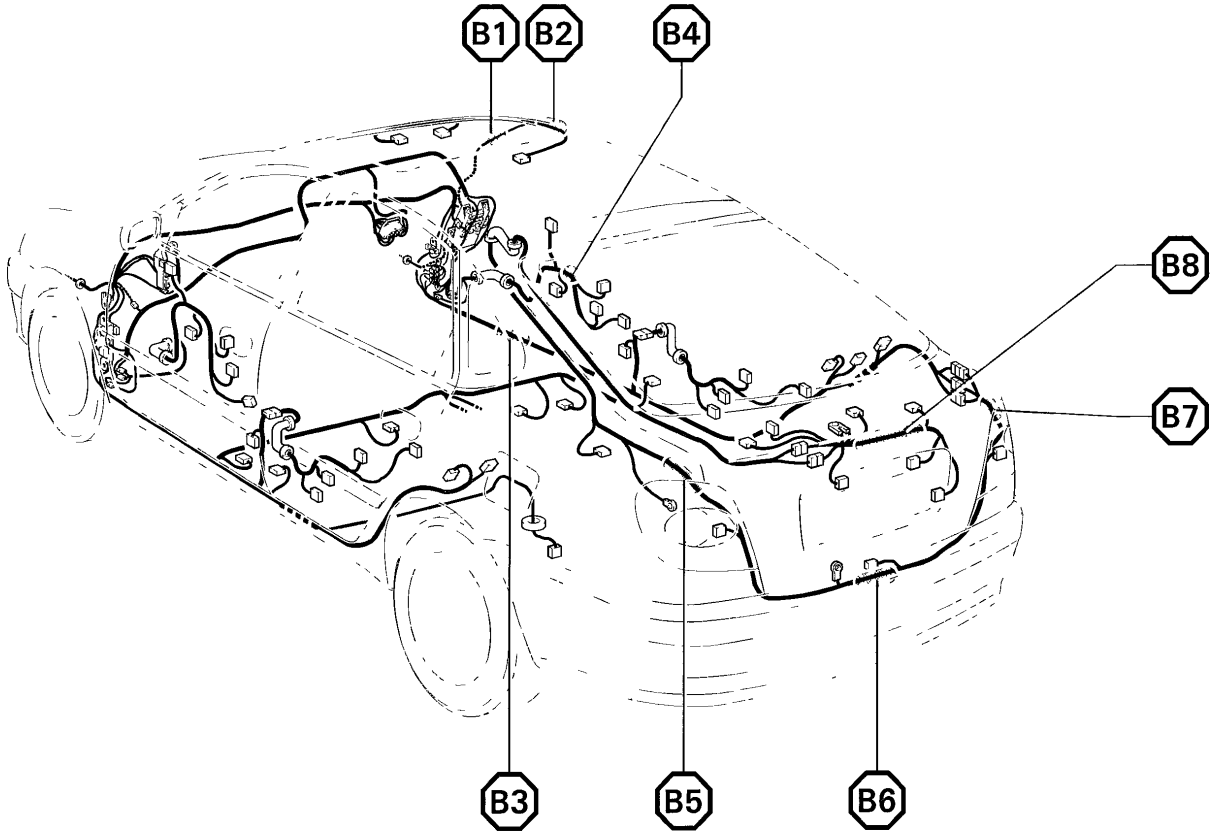
▭ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

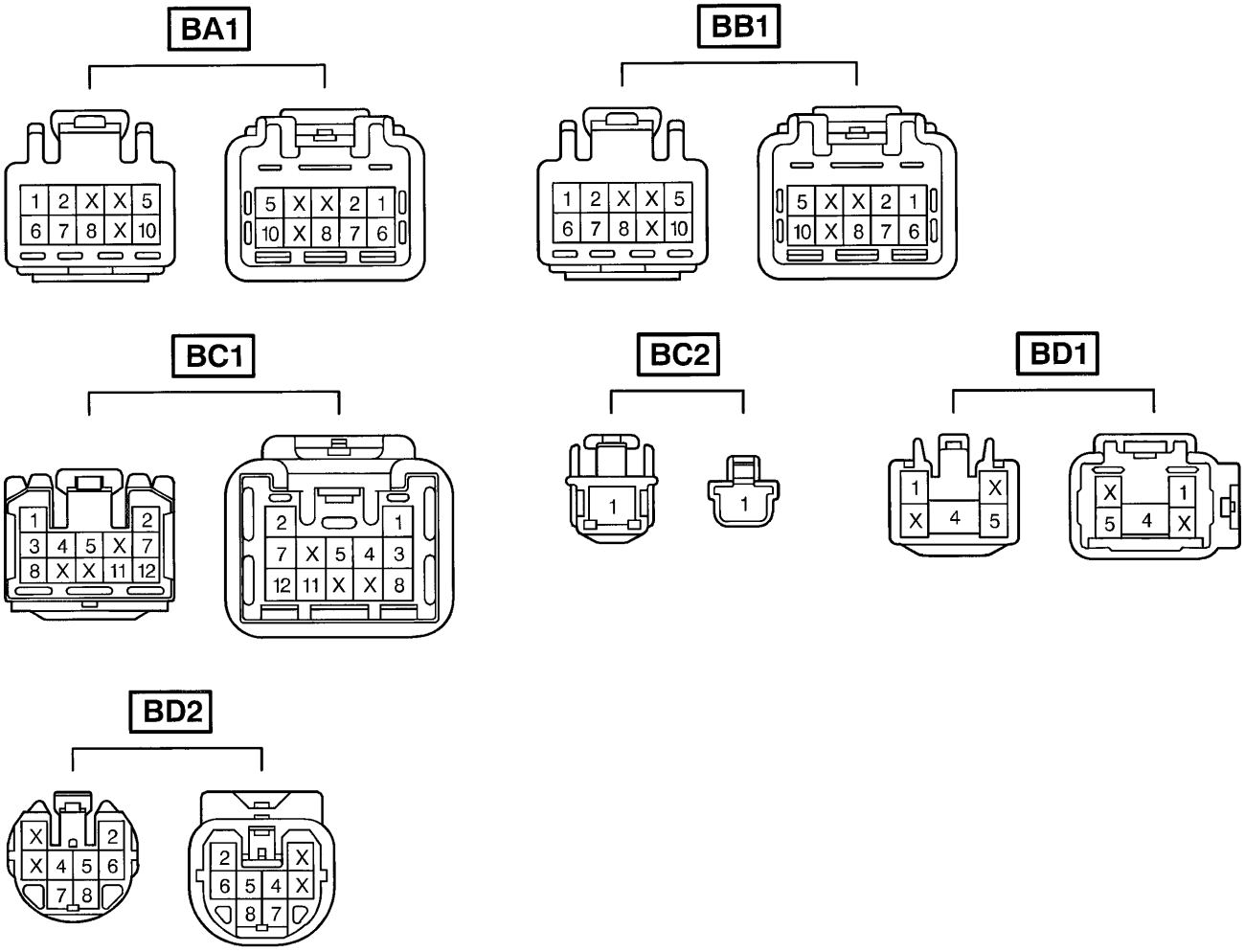
[RHD : L/B]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness

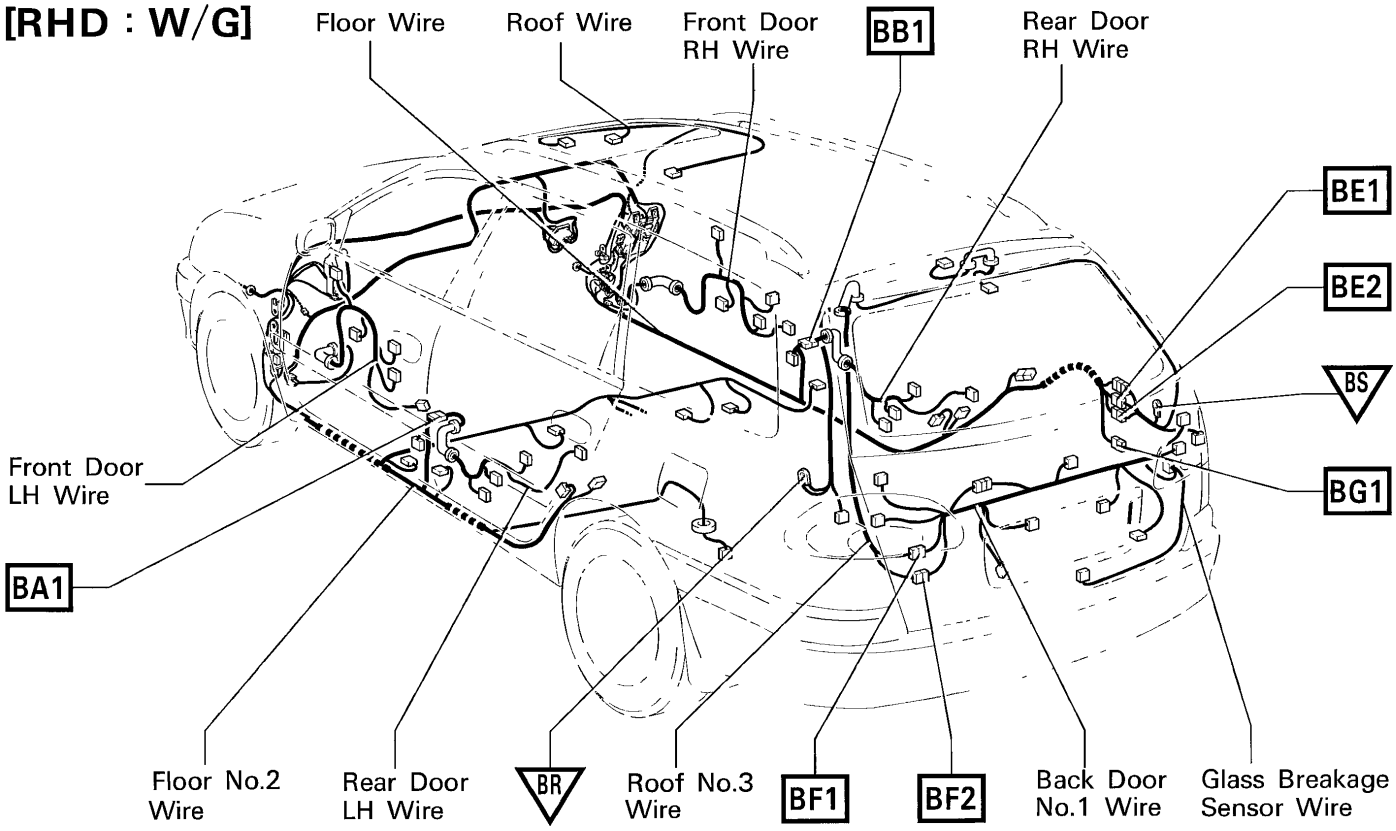


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
BC1	Floor Wire and Floor Wire (Under the Right Quarter Pillar)
BC2	
BD1	Floor Wire and Back Door No.1 Wire (Back Door Left)
BD2	

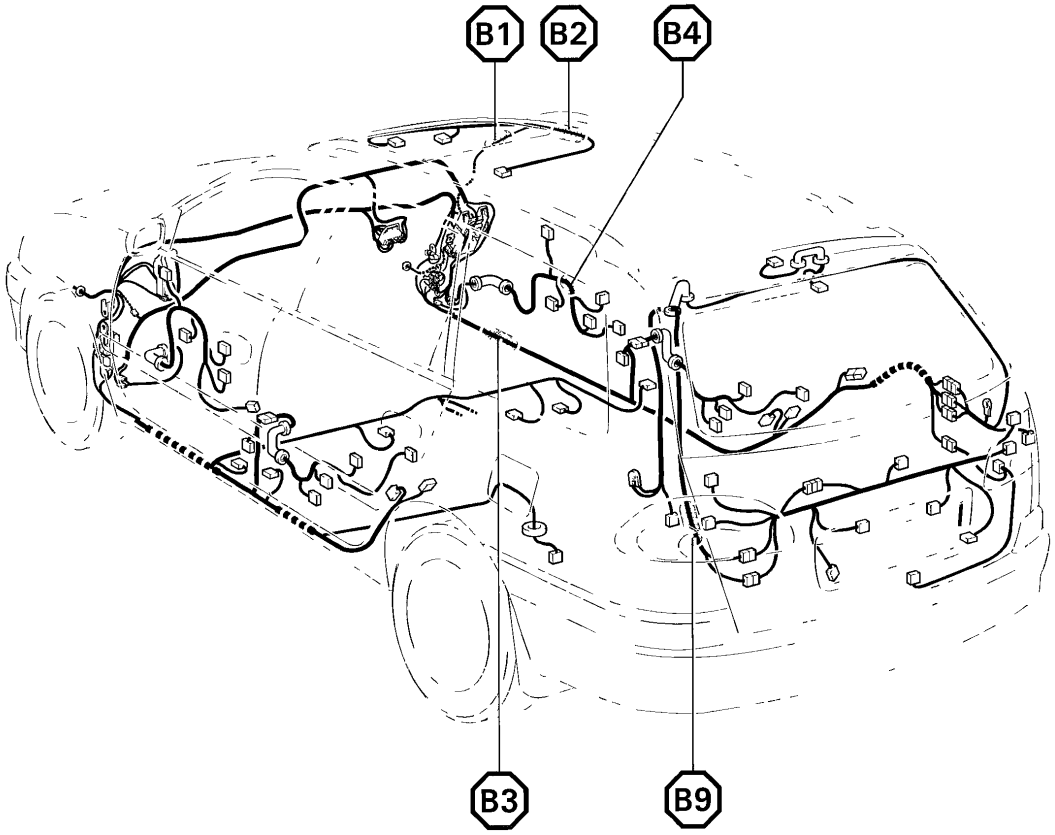
G ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

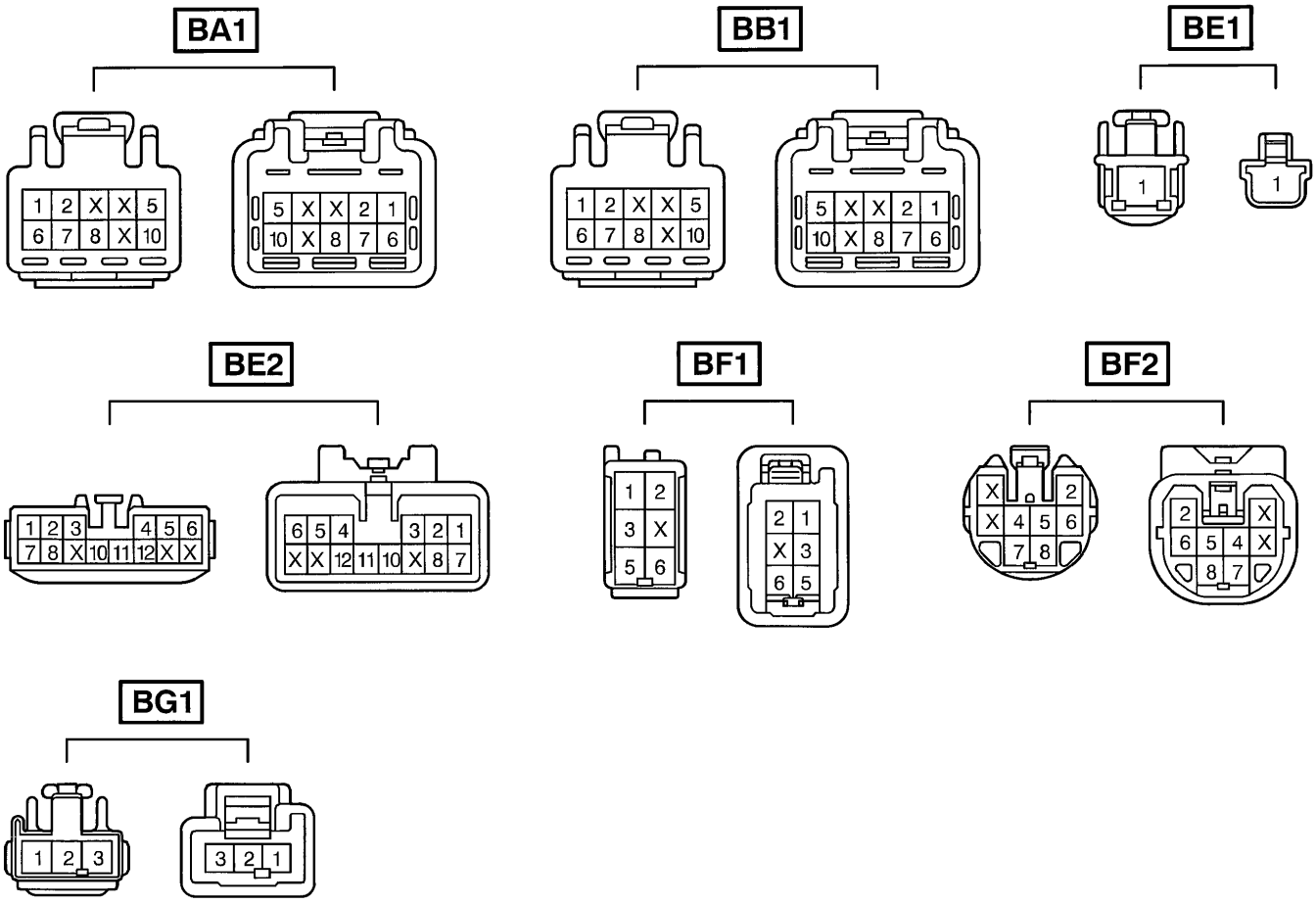
[RHD : W/G]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



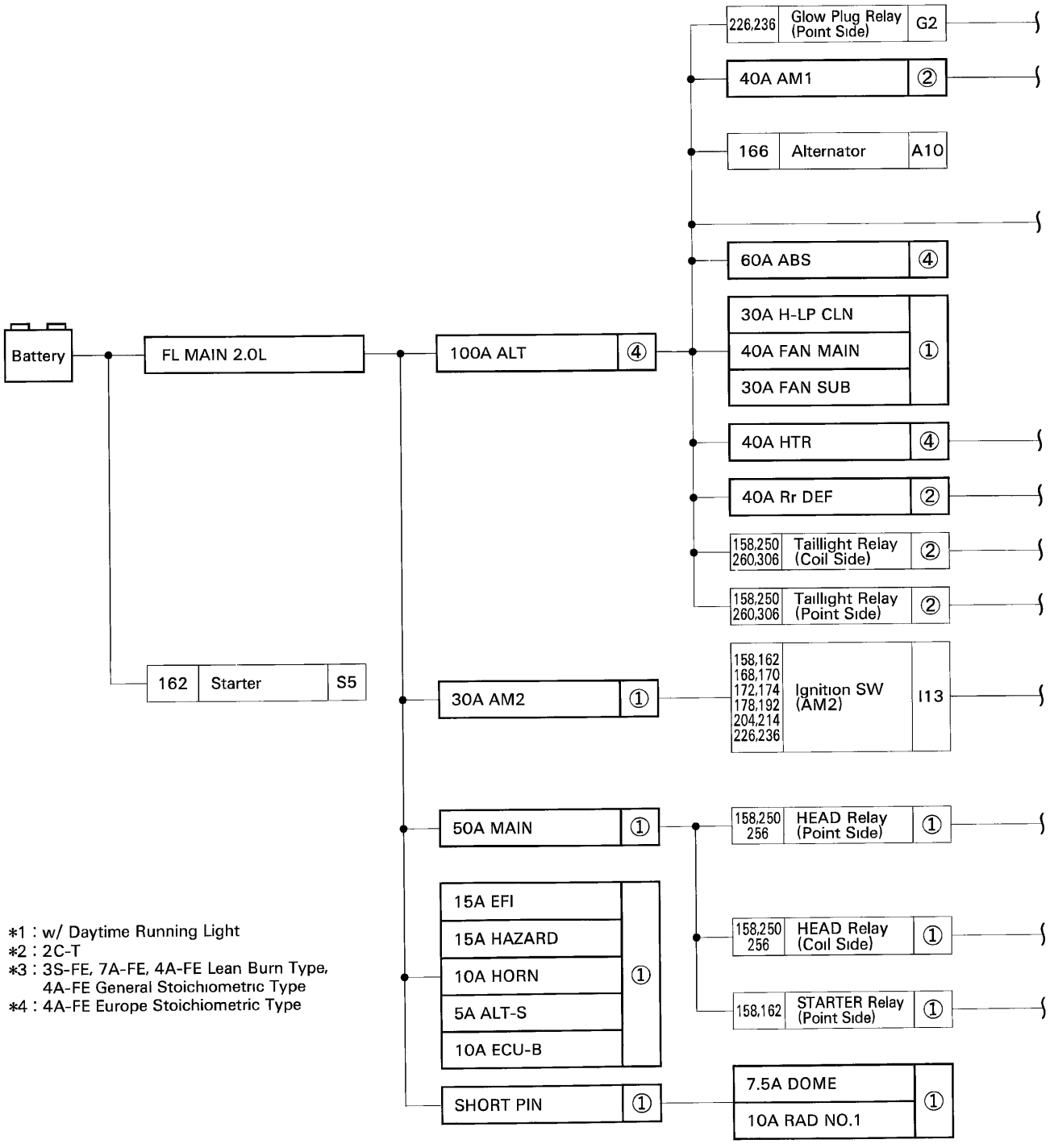
Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No 2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
BE1	Roof No.3 Wire and Floor Wire (Right Quarter Panel)
BE2	
BF1	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2	
BG1	Floor Wire and Glass Breakage Sensor Wire (Rear Quarter Panel RH)

H POWER SOURCE (Current Flow Chart)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.
The next page and following pages show the parts to which each electrical source outputs current.

Le schéma ci-après indique l'acheminement à travers lequel s'écoule le courant de la batteri à chaque source électrique (lames fusibles, disjoncteurs, fusibles, etc.) et autres pièces.
La page suivante ainsi que celles qui suivent indiquent les piéces auxquelles chaque source électrique produit du courant.

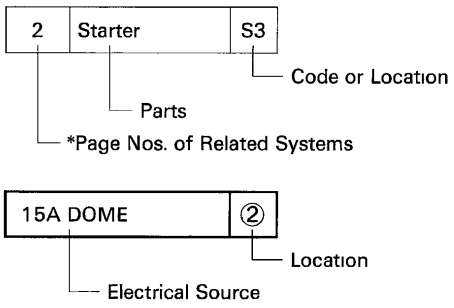
En el siguiente cuadro aparece la ruta que recorre la corriente desde la bateria hasta cada fuente de alimentación (eslabón fusible, fusible, ruptor, etc.) y otras piezas.
Las siguientes páginas indican las partes que reciben alimentación.



*1 : w/ Daytime Running Light
*2 : 2C-T
*3 : 3S-FE, 7A-FE, 4A-FE Lean Burn Type, 4A-FE General Stoichiometric Type
*4 : 4A-FE Europe Stoichiometric Type

[LOCATION] ① : Engine Room J/B (See page 56) ② : Instrument Panel J/B (See page 58)
⑤ : Fuse Box (See on page 78, 96) ⑥ : R/B No.4 (See page 53)

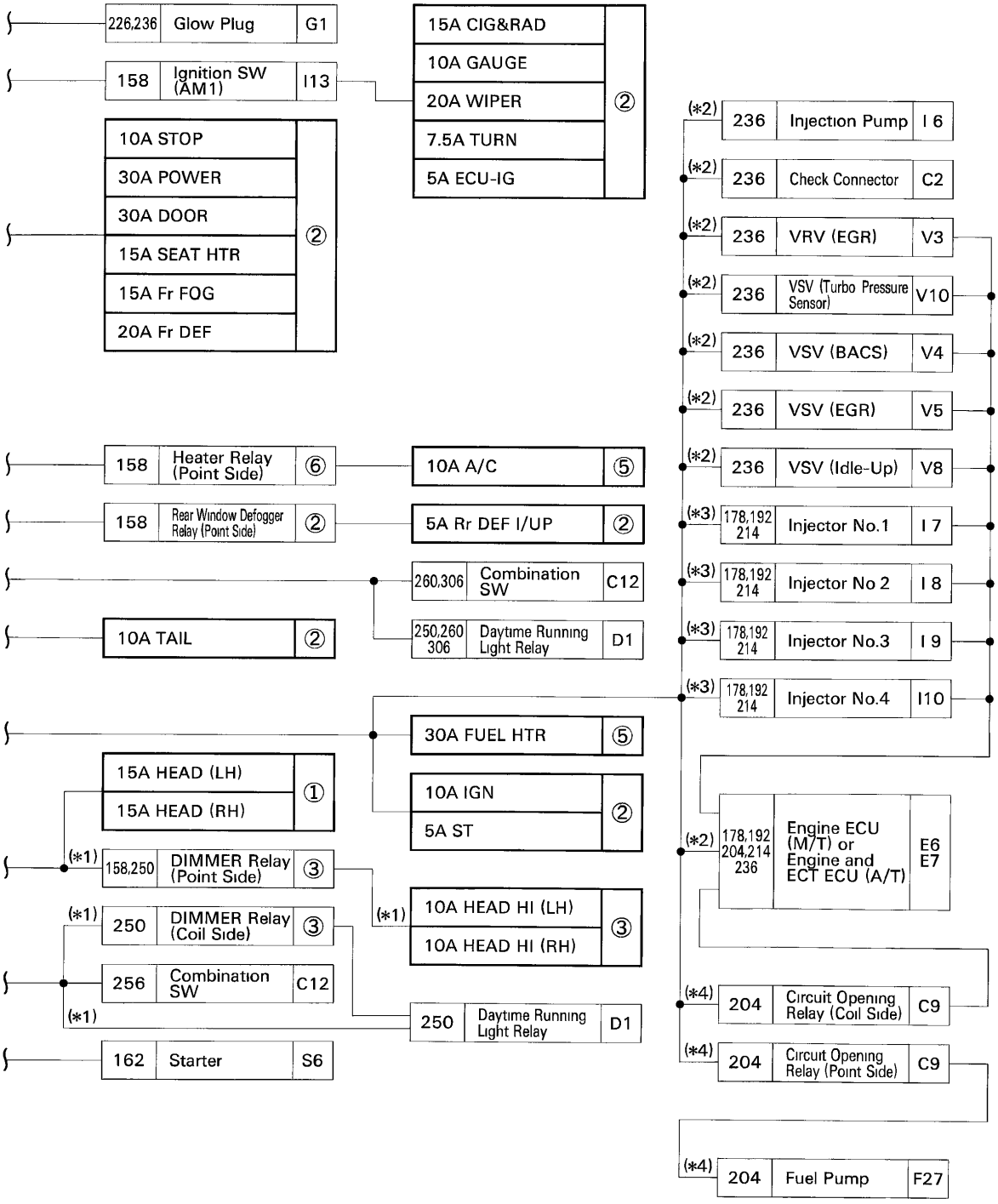
Example



* These are the page numbers of the first page on which the related system is shown.
The part indicated is located somewhere in the system, not necessarily on the page indicated here.

* *Numéros de page de la première page sur laquelle le système afférent est représenté.*
L'organe indiqué se trouve quelque part à l'intérieur du système, mais non pas necessairement dans la page qui est mentionnée ici.

* *Estos son los números de página de la primera página en la que se muestra el sistema relacionado.*
La parte indicada está situada en algun sition del sistema, y no necesariamente en la página aqui indicada.



③ : R/B No.7 (See page 54) ④ : Fusible Link Block (See page 55)

H POWER SOURCE (Current Flow Chart)

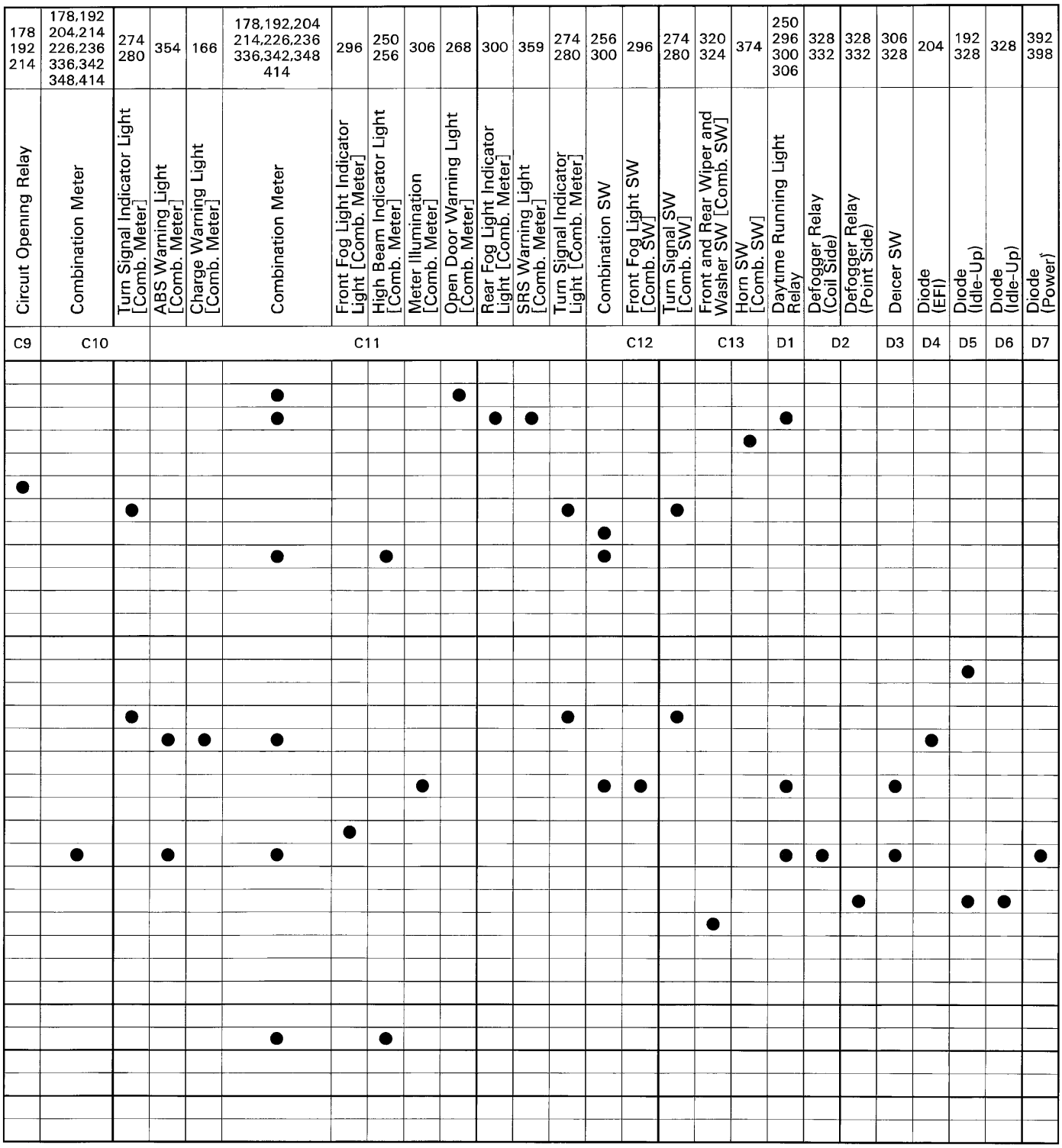
Location	CB or Fuse		*Page Nos. of Related Systems	422	434	428 434	422 428 434	354	166	422 434	428	422 428	306 428 434	306	290	414	414	428	428 434	434	306 434	214 236 359	359	372	306
	Parts			A/C Condenser Fan Motor	A/C Magnetic Clutch	A/C Magnetic Clutch and Lock Sensor	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	ABS ECU with Actuator	Alternator	A/C Amplifier	A/C Amplifier (Automatic)	A/C Amplifier (Automatic)	A/C SW	Ashtray Illumination	Back-Up Light SW	Brake Fluid Level Warning SW	Brake Vacuum Warning SW	Blower Controller	Blower Motor	Blower Resistor	Blower SW	Check Connector	Center Airbag Sensor Assembly	Cigarette Lighter	Cigarette Lighter Illumination
	Code or Location			A2	A3	A4	A5	A6	A11	A13	A14	A15	A19	A25	B1	B2	B3	B4	B5	B6	B7	C2	C5	C7	C8
①	5A	ALT-S							●																
	7.5A	DOME																							
	10A	ECU-B																				●	●		
	10A	HORN																							
	10A	RAD NO.1																							
	15A	EFI																				●			
	15A	HAZARD																							
	15A	HEAD (LH)																							
	15A	HEAD (RH)																							
	30A	FAN SUB	●																						
	30A	H-LP CLN																							
	40A	FAN MAIN																							
②	5A	ECU-IG					●	●		●		●													
	5A	Rr DEF I/UP																							
	5A	ST																							
	7.5A	TURN																							
	10A	IGN						●	●							●	●						●		
	10A	STOP						●																	
	10A	TAIL											●	●							●				●
	15A	CIG&RAD																					●	●	
	15A	Fr FOG																							
	10A	GAUGE			●	●	●	●	●	●	●	●	●		●	●	●				●	●			
	15A	SEAT HTR																							
	20A	Fr DEF																							
	20A	WIPER																							
	30A	DOOR																							
	30A	POWER																							
	40A	Rr DEF																							
③	10A	HEAD HI (LH)																							
	10A	HEAD HI (RH)																							
④	40A	HTR																●	●	●	●				
	60A	ABS						●																	
⑤	10A	A/C								●			●												
	30A	FUEL HTR																							

* These are the page numbers of the first page on which the related system is shown.
The part indicated is located somewhere in the system, not necessarily on the page indicated here.

* *Numéros de page de la première page sur laquelle le système afférent est représenté.*
L'organe indiqué se trouve quelque part à l'intérieur du système, mais non pas necessairement dans la page qui est mentionnée ici.

* *Estos son los números de página de la primera página en la que se muestra el sistema relacionado*
La parte indicada está situada en algun sitio del sistema, y no necesariamente en la página aquí indicada

[LOCATION] ① : Engine Room J/B (See page 56) ② : Instrument Panel J/B (See page 58)
⑤ : Fuse Box (See on page 78, 96) ⑥ : R/B No.4 (See page 53)



③ : R/B No.7 (See page 54)
④ : Fusible Link Block (See page 55)
⑦ : Engine Room R/B (See page 54)
⑧ : Driver Side R/B (See page 53)

H POWER SOURCE (Current Flow Chart)

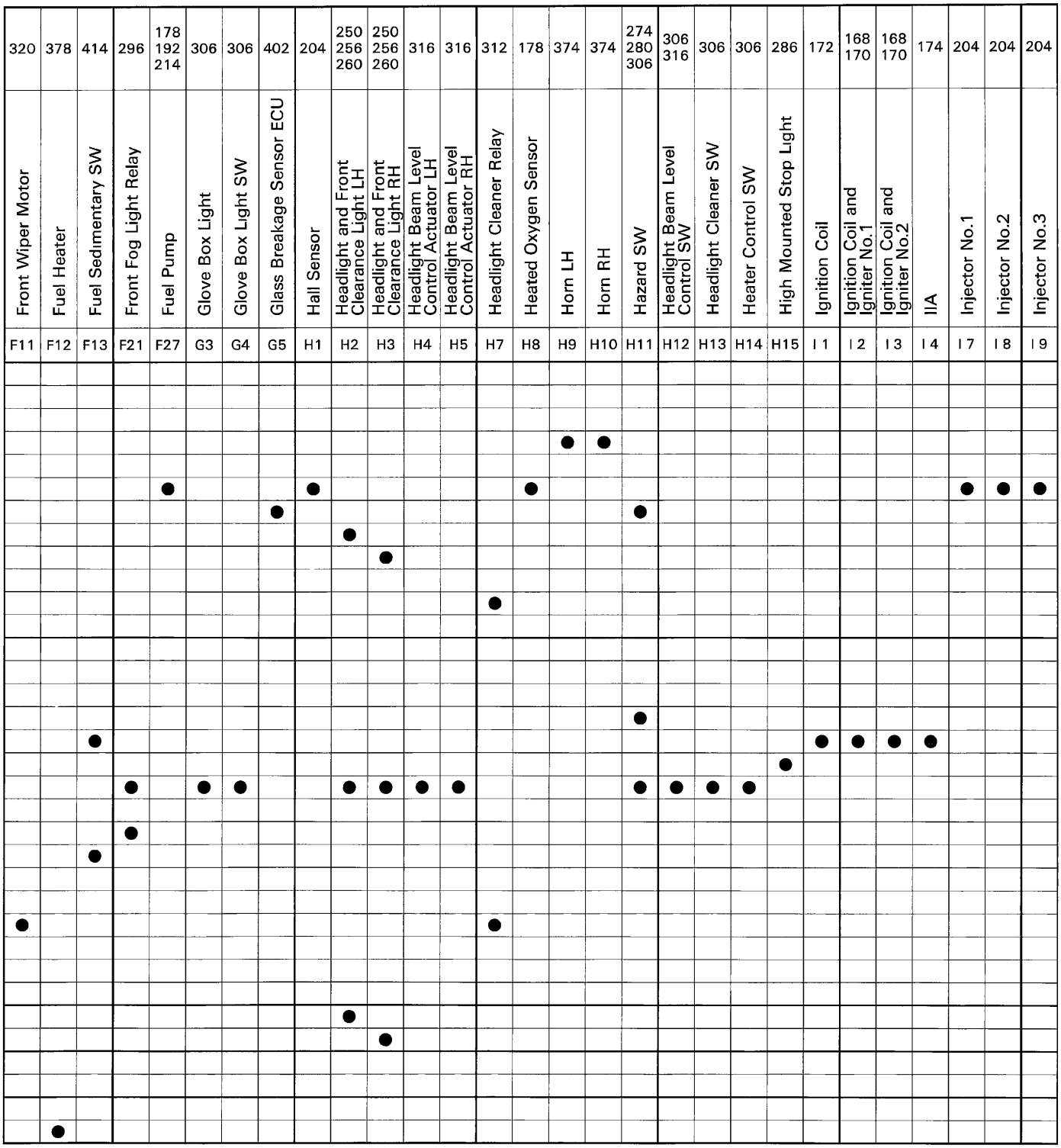
Location	CB or Fuse		*Page Nos. of Related Systems	178 192 204 226 359	268	268	268	268	268	306 336 342 348	178,192 204,214 236,336 342,348 422	178,192 214,226 236,336 348,422	192,226 348,422	226	296	296	274 280	274 280	274 280	274 280	320	328
			Parts	DLC3	Diode (Luggage Room Light)	Door Courtesy SW Front LH	Door Courtesy SW Front RH	Door Courtesy SW Rear LH	Door Courtesy SW Rear RH	ECT Pattern Select SW	Engine ECU (M/T) or Engine and ECT ECU (A/T)	Engine ECU (M/T) or Engine and ECT ECU (A/T)	Engine ECU (M/T) or Engine and ECT ECU (A/T)	Engine ECU	Front Fog Light LH	Front Fog Light RH	Front Turn Signal Light LH	Front Turn Signal Light RH	Front Turn Signal Light LH	Front Turn Signal Light RH	Front Washer Motor	Front Window Deicer
			Code or Location	D8	D9	D10	D11	D12	D13	E5	E6	E7	E8	E9	F3	F4	F5	F6	F7	F8	F9	F10
①	5A	ALT-S																				
	7.5A	DOME		●	●	●	●	●	●													
	10A	ECU-B		●							●											
	10A	HORN																				
	10A	RAD NO.1																				
	15A	EFI									●	●		●								
	15A	HAZARD															●	●	●	●		
	15A	HEAD (LH)																				
	15A	HEAD (RH)																				
	30A	FAN SUB																				
	30A	H-LP CLN																				
	40A	FAN MAIN																				
②	5A	ECU-IG										●	●									
	5A	Rr DEF I/UP									●		●									
	5A	ST									●	●		●								
	7.5A	TURN															●	●	●	●		
	10A	IGN									●			●								
	10A	STOP									●											
	10A	TAIL								●	●											
	15A	CIG&RAD																				
	15A	Fr FOG													●	●						
	10A	GAUGE								●	●	●	●	●								
	15A	SEAT HTR																				
	20A	Fr DEF																				●
	20A	WIPER																			●	
	30A	DOOR																				
	30A	POWER																				
	40A	Rr DEF																				
③	10A	HEAD HI (LH)																				
	10A	HEAD HI (RH)																				
④	40A	HTR																				
	60A	ABS																				
⑤	10A	A/C																				
	30A	FUEL HTR																				

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[LOCATION] ① : Engine Room J/B (See page 56) ② : Instrument Panel J/B (See page 58)
⑤ : Fuse Box (See on page 78, 96) ⑥ : R/B No.4 (See page 53)



	320	378	414	296	178 192 214	306	306	402	204	250 256 260	250 256 260	316	316	312	178	374	374	274 280 306	306 316	306	306	286	172	168 170	168 170	174	204	204	204
	Front Wiper Motor	Fuel Heater	Fuel Sedimentary SW	Front Fog Light Relay	Fuel Pump	Glove Box Light	Glove Box Light SW	Glass Breakage Sensor ECU	Hall Sensor	Headlight and Front Clearance Light LH	Headlight and Front Clearance Light RH	Headlight Beam Level Control Actuator LH	Headlight Beam Level Control Actuator RH	Headlight Cleaner Relay	Heated Oxygen Sensor	Horn LH	Horn RH	Hazard SW	Headlight Beam Level Control SW	Headlight Cleaner SW	Heater Control SW	High Mounted Stop Light	Ignition Coil	Ignition Coil and Igniter No.1	Ignition Coil and Igniter No.2	IIA	Injector No.1	Injector No.2	Injector No.3
	F11	F12	F13	F21	F27	G3	G4	G5	H1	H2	H3	H4	H5	H7	H8	H9	H10	H11	H12	H13	H14	H15	I 1	I 2	I 3	I 4	I 7	I 8	I 9

③ : R/B No.7 (See page 54)
④ : Fusible Link Block (See page 55)
⑦ : Engine Room R/B (See page 54)
⑧ : Driver Side R/B (See page 53)

H POWER SOURCE (Current Flow Chart)

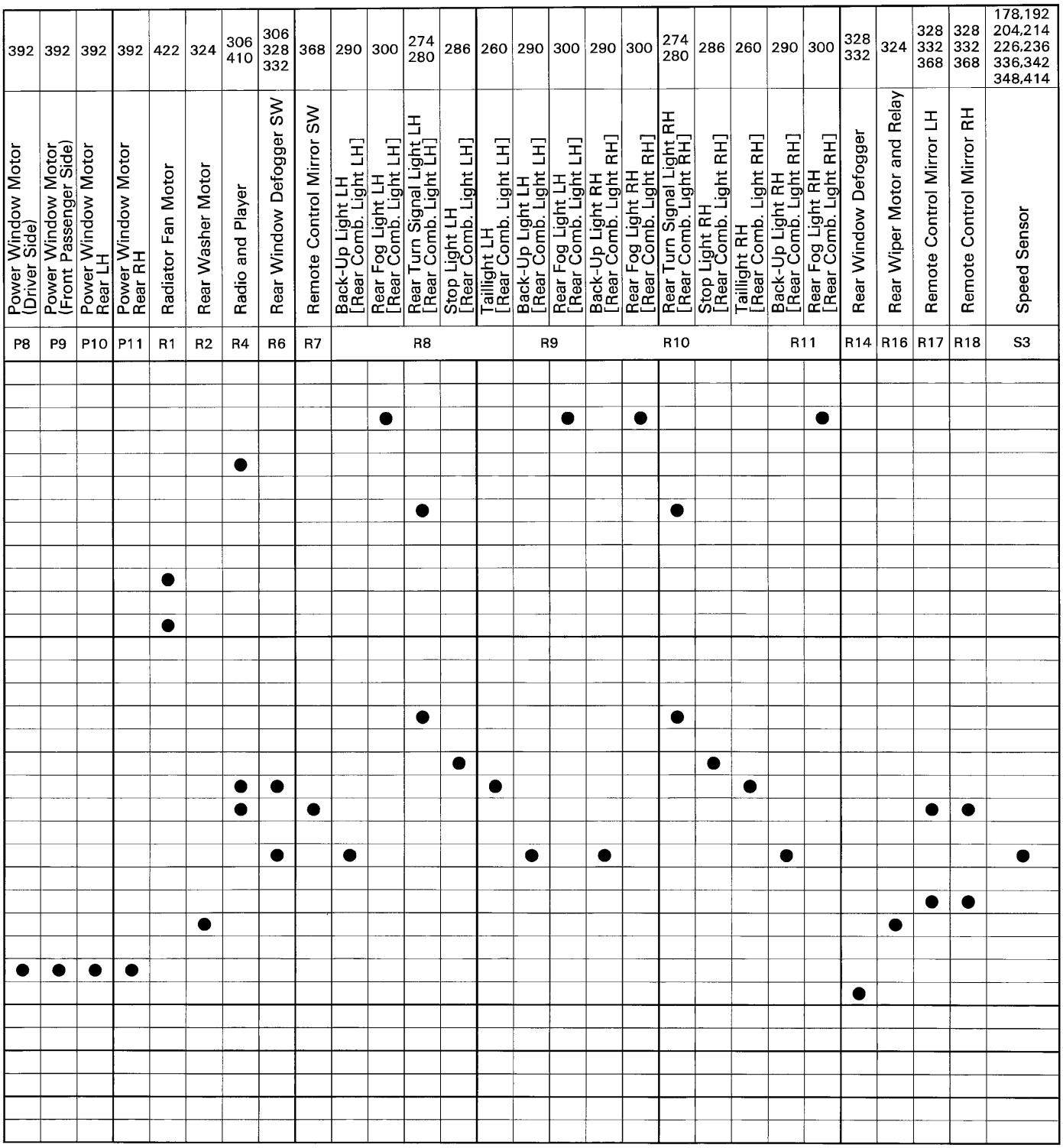
Location	CB or Fuse		*Page Nos. of Related Systems	204	178 192 204 214	380 386 392	268 402	192	260	260	268	268	398	268 398	162,178 192,214 290,336 342,348	168 170 174	414	306 336 342 348 414	414	268	392	392	392	392
			Parts	Injector No.4	ISC Valve	Integration Relay	Interior Light	Lean Mixture Sensor	License Plate Light LH	License Plate Light RH	Luggage Room Light	Luggage Room Light SW	Moon Roof Control Relay and Motor	Moon Roof Control SW	Neutral Start SW	Noise Filter (Ignition System)	Oil Pressure SW	O/D Main SW	Parking Brake SW	Personal Light	Power Window SW (Front Passenger Side)	Power Window SW Rear LH	Power Window SW Rear RH	Power Window Master SW
			Code or Location	I10	I12	I14	I15	L1	L2	L3	L5	L6	M1	M2	N1	N2	O1	O2	P2	P3	P4	P5	P6	P7
①	5A	ALT-S																						
	7.5A	DOME					●				●	●	●	●						●				
	10A	ECU-B																						
	10A	HORN																						
	10A	RAD NO.1																						
	15A	EFI		●	●			●																
	15A	HAZARD																						
	15A	HEAD (LH)																						
	15A	HEAD (RH)																						
	30A	FAN SUB																						
	30A	H-LP CLN																						
	40A	FAN MAIN																						
②	5A	ECU-IG																						
	5A	Rr DEF I/UP																						
	5A	ST													●									
	7.5A	TURN																						
	10A	IGN														●	●	●	●					
	10A	STOP																						
	10A	TAIL							●	●								●						
	15A	CIG&RAD																						
	15A	Fr FOG																						
	10A	GAUGE													●		●	●	●					
	15A	SEAT HTR																						
	20A	Fr DEF																						
	20A	WIPER																						
	30A	DOOR				●																		
	30A	POWER											●	●							●	●	●	●
	40A	Rr DEF																						
③	10A	HEAD HI (LH)																						
	10A	HEAD HI (RH)																						
④	40A	HTR																						
	60A	ABS																						
⑤	10A	A/C																						
	30A	FUEL HTR																						

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⑤ : Fuse Box (See on page 78, 96) ⑥ : R/B No.4 (See page 53)



③ : R/B No.7 (See page 54)
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⑦ : Engine Room R/B (See page 54)
⑧ : Driver Side R/B (See page 53)

H POWER SOURCE (Current Flow Chart)

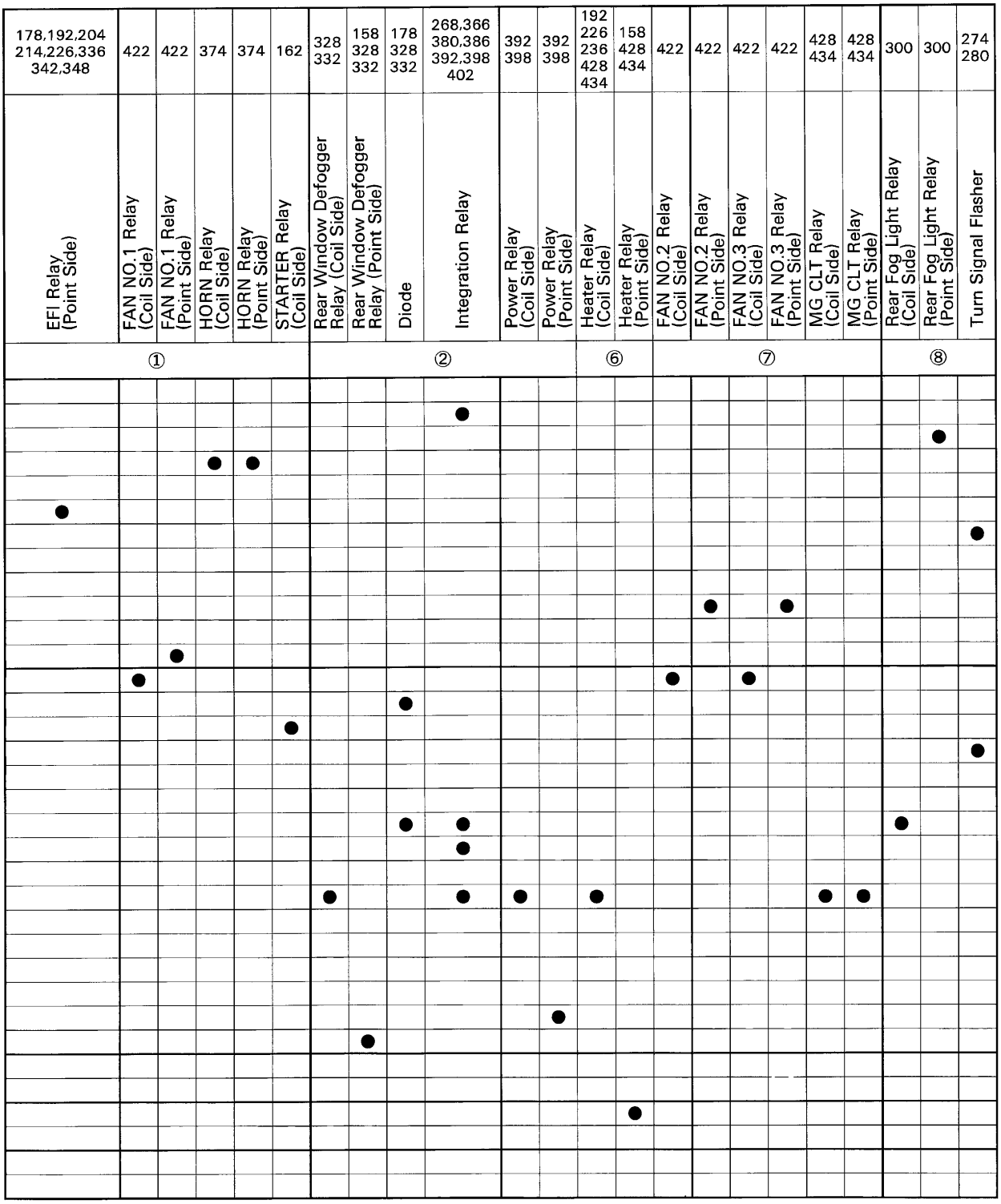
Location	CB or Fuse		*Page Nos. of Related Systems	376	376	306 376	306 376	286 336 342 348 354	376	376	402	226	402	244	226	178	226	226	192	226	422	380	178,192,204 214,336,342 348
			Parts	Seat Heater Relay (Coil Side)	Seat Heater Relay (Point Side)	Seat Heater SW (Driver's Seat)	Seat Heater SW (Front Passenger's Seat)	Stop Light SW	Seat Heater (Driver's Seat)	Seat Heater (Front Passenger's Seat)	Theft Deterrent Siren	Timing Control Valve	Theft Deterrent ECU	Transponder Key ECU	VRV (EGR)	VSV (EGR)	VSV (Fully Closed)	VSV (Idle Opening)	VSV (Swirl Control)	VSV (Turbo Pressure Sensor)	Water Temp. SW	Wireless Door Lock ECU	EFI Relay (Coil Side)
			Code or Location	S7		S8	S9	S11	S12	S13	T1	T3	T5	T6	V3	V5	V6	V7	V9	V10	W3	W4	①
①	5A	ALT-S																					
	7.5A	DOME									●		●									●	
	10A	ECU-B												●									
	10A	HORN																					
	10A	RAD NO.1																					
	15A	EFI										●			●	●	●	●	●	●			
	15A	HAZARD											●										
	15A	HEAD (LH)																					
	15A	HEAD (RH)																					
	30A	FAN SUB																					
	30A	H-LP CLN																					
	40A	FAN MAIN																					
②	5A	ECU-IG									●										●		
	5A	Rr DEF I/UP																					
	5A	ST																					
	7.5A	TURN																					
	10A	IGN												●									●
	10A	STOP						●															
	10A	TAIL			●	●																	
	15A	CIG&RAD																					
	15A	Fr FOG																					
	10A	GAUGE	●										●									●	
	15A	SEAT HTR		●	●	●			●	●													
	20A	Fr DEF																					
	20A	WIPER																					
	30A	DOOR																					
	30A	POWER																					
	40A	Rr DEF																					
③	10A	HEAD HI (LH)																					
	10A	HEAD HI (RH)																					
④	40A	HTR																					
	60A	ABS																					
⑤	10A	A/C																					
	30A	FUEL HTR																					

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⑦ : Engine Room R/B (See page 54)
⑧ : Driver Side R/B (See page 53)

AVENSIS / CORONA ELECTRICAL WIRING DIAGRAM SYSTEM CIRCUITS

English

	Page
ABS	354
AIR CONDITIONER	434
AUTOMATIC AIR CONDITIONER	428
BACK-UP LIGHT	290
CHARGING	166
CIGARETTE LIGHTER	372
COMBINATION METER	414
DOOR LOCK CONTROL	386
ECT (3S-FE)	336
ECT (4A-FE GENERAL STOICHIOMETRIC TYPE)	348
ECT (LEAN BURN TYPE)	342
ENGINE CONTROL (2C-T)	236
ENGINE CONTROL (2C-TE)	226
ENGINE CONTROL (3S-FE)	178
ENGINE CONTROL (4A-FE EUROPE STOICHIOMETRIC TYPE)	204
ENGINE CONTROL (4A-FE GENERAL STOICHIOMETRIC TYPE)	214
ENGINE CONTROL (7A-FE, 4A-FE LEAN BURN TYPE)	192
ENGINE IMMOBILISER SYSTEM	244
FRONT FOG LIGHT	296
FRONT WINDOW DEICER AND REAR WINDOW DEFOGGER AND MIRROR HEATER (LHD)	328
FRONT WIPER AND WASHER	320
FUEL HEATER	378
HEADLIGHT (w/ DAYTIME RUNNING LIGHT)	250
HEADLIGHT (w/o DAYTIME RUNNING LIGHT)	256
HEADLIGHT BEAM LEVEL CONTROL	316
HEADLIGHT CLEANER (LHD)	312
HORN	374
IGNITION (3S-FE)	168
IGNITION (4A-FE EUROPE STOICHIOMETRIC TYPE)	172
IGNITION (4A-FE GENERAL STOICHIOMETRIC TYPE)	174
IGNITION (7A-FE, 4A-FE LEAN BURN TYPE)	170
ILLUMINATION	306
INTERIOR LIGHT	268
LIGHT REMINDER BUZZER	366
MOON ROOF	398
POWER SOURCE	158
POWER WINDOW	392
RADIATOR FAN AND CONDENSER FAN	422
RADIO AND PLAYER	410
REAR FOG LIGHT	300
REAR WINDOW DEFOGGER AND MIRROR HEATER (RHD)	332

	Page
REAR WIPER AND WASHER	324
REMOTE CONTROL MIRROR	368
SEAT HEATER (LHD)	376
SRS	359
STARTING	162
STOP LIGHT	286
TAILLIGHT	260
THEFT DETERRENT (RHD)	402
TURN SIGNAL AND HAZARD WARNING LIGHT (LHD)	274
TURN SIGNAL AND HAZARD WARNING LIGHT (RHD)	280
WIRELESS DOOR LOCK CONTROL	380

SCHEMA DE CABLAGE ELECTRIQUE DE LA AVENSIS/CORONA CIRCUITS DU SYSTEME

	Page
ABS	354
AIR CONDITIONNE	434
AIR CONDITIONNE AUTOMATIQUE	428
ALLUMAGE (3S-FE)	168
ALLUMAGE (7A-FE, 4A-FE A SYSTEME DE COMBUSTION DE MELANGE PAUVRE)	170
ALLUMAGE (TYPE STOECHIOMETRIQUE, 4A-FE EUROPE)	172
ALLUMAGE (TYPE STOECHIOMETRIQUE, 4A-FE TOUTES ZONES CONFONDUES)	174
ALLUME-CIGARE	372
AUTORADIO ET LECTEUR DE CASSETTES	410
AVERTISSEUR	374
AVERTISSEUR SONORE DE RAPPEL DE DISPOSITIFS D'ECLAIRAGE ALLUMES	366
CHARGE	166
CHAUFFAGE DE SIEGE (CONDUITE A GAUCHE)	376
COMBINE DE BORD	414
COMMANDE DE CONDAMNATION DE PORTE	386
COMMANDE DE CONDAMNATION DE PORTE A COMMANDE RADIO	380
COMMANDE DE MOTEUR (2C-T)	236
COMMANDE DE MOTEUR (2C-TE)	226
COMMANDE DE MOTEUR (3S-FE)	178
COMMANDE DE MOTEUR (7A-FE, 4A-FE A SYSTEME DE COMBUSTION DE MELANGE PAUVRE)	192
COMMANDE DE MOTEUR (TYPE STOECHIOMETRIQUE, 4A-FE EUROPE)	204
COMMANDE DE MOTEUR (TYPE STOECHIOMETRIQUE, 4A-FE TOUTES ZONES CONFONDUES)	214
COMMANDE DE REGLAGE D'ORIENTATION DE FAISCEAU DE PROJECTEUR	316
DEGIVREUR DE GLACE DE PARE-BRISE, DESEMBUEUR DE LUNETTE ARRIERE ET RESISTANCE ELECTRIQUE DE CHAUFFAGE DE RETROVISEUR (CONDUITE A GAUCHE)	328
DEMARRAGE	162
DESEMBUEUR DE GLACE DE LUNETTE ARRIERE ET RESISTANCE ELECTRIQUE DE CHAUFFAGE DE RETROVISEUR (CONDUITE A DROITE)	332
DISSUASION CONTRE LE VOL	402
ECLAIRAGE	306
ECT (A SYSTEME DE COMBUSTION DE MELANGE PAUVRE)	342
ECT (3S-FE)	336
ECT (TYPE STOECHIOMETRIQUE, 4A-FE TOUTES ZONES CONFONDUES)	348
ESSUIE-GLACE ET LAVE-GLACE DE LUNETTE ARRIERE	324
ESSUIE-GLACE ET LAVE-GLACE DE PARE-BRISE	320

	Page
FEUX DE POSITION ARRIERE	260
FEUX DE RECUL	290
FEUX STOP	286
LAVE-PROJECTEUR AVANT (CONDUITE A GAUCHE)	312
LEVE-GLACE ELECTRIQUE	392
PLAFONNIER	268
PROJECTEUR ANTIBROUILLARD ARRIERE	300
PROJECTEUR ANTIBROUILLARD AVANT	296
PROJECTEUR AVANT (AVEC UN SYSTEME D'ECLAIRAGE DE CONDUITE DE JOUR)	250
PROJECTEUR AVANT (SANS SYSTEME D'ECLAIRAGE DE CONDUITE DE JOUR)	256
RECHAUFFEUR DE COMBUSTIBLE	378
RETROVISEUR A COMMANDE ELECTRIQUE	368
SOURCE D'ALIMENTATION	158
SRS	359
SYSTEME IMMOBILISATEUR DE MOTEUR	244
TOIT OUVRANT	398
VENTILATEUR DE RADIATEUR ET VENTILATEUR DE CONDENSEUR	422
VOYANT DE RAPPEL DE FEU DE CHANGEMENT DE DIRECTION ET DE FEUX DE DETRESSE (CONDUITE A DROITE)	280
VOYANT DE RAPPEL DE FEU DE CHANGEMENT DE DIRECTION ET DE FEUX DE DETRESSE (CONDUITE A GAUCHE)	274

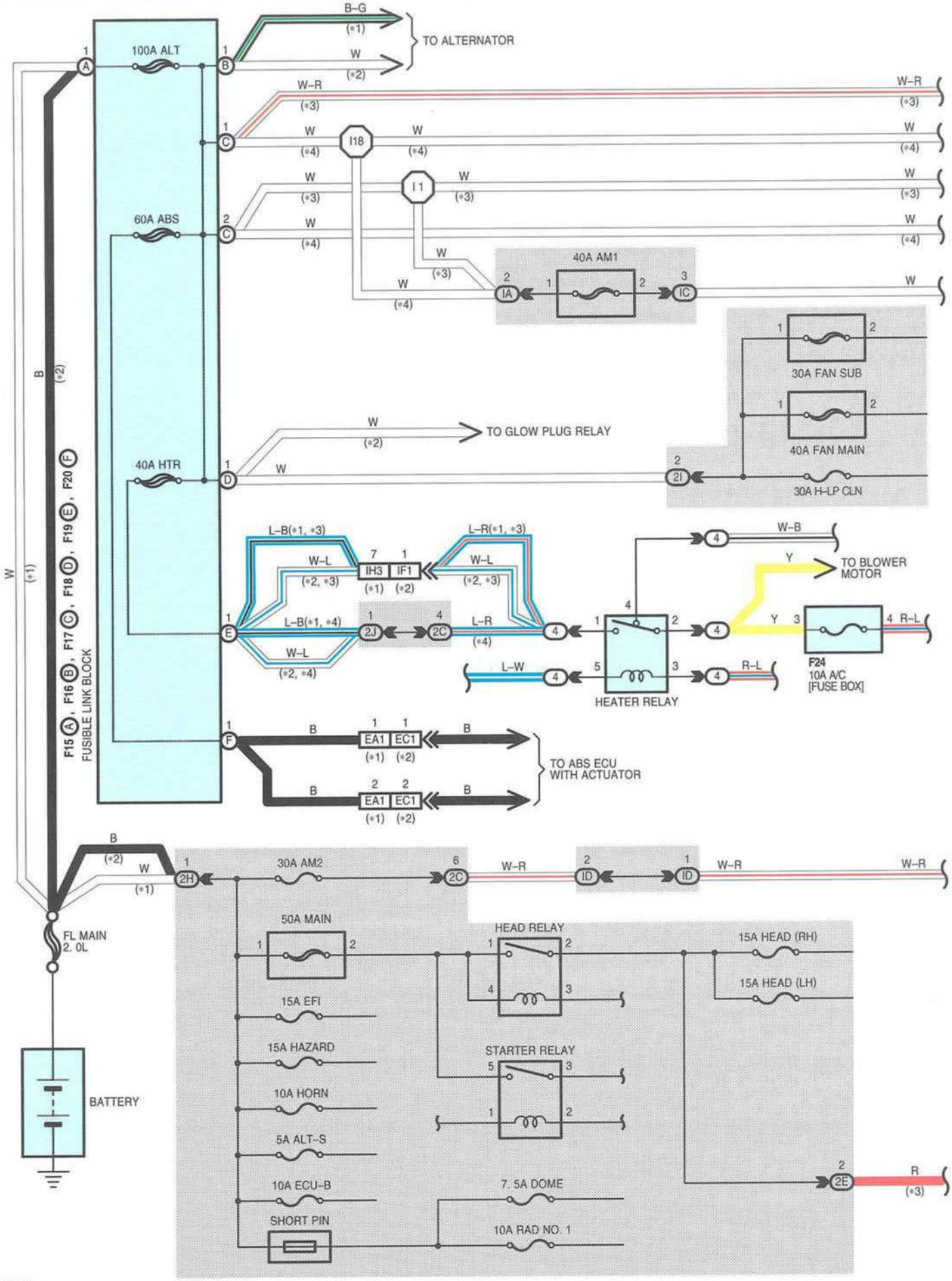
AVENSIS / CORONA
DIAGRAMA DEL CABLEADO ELECTRICO
CIRCUITOS DE SISTEMAS

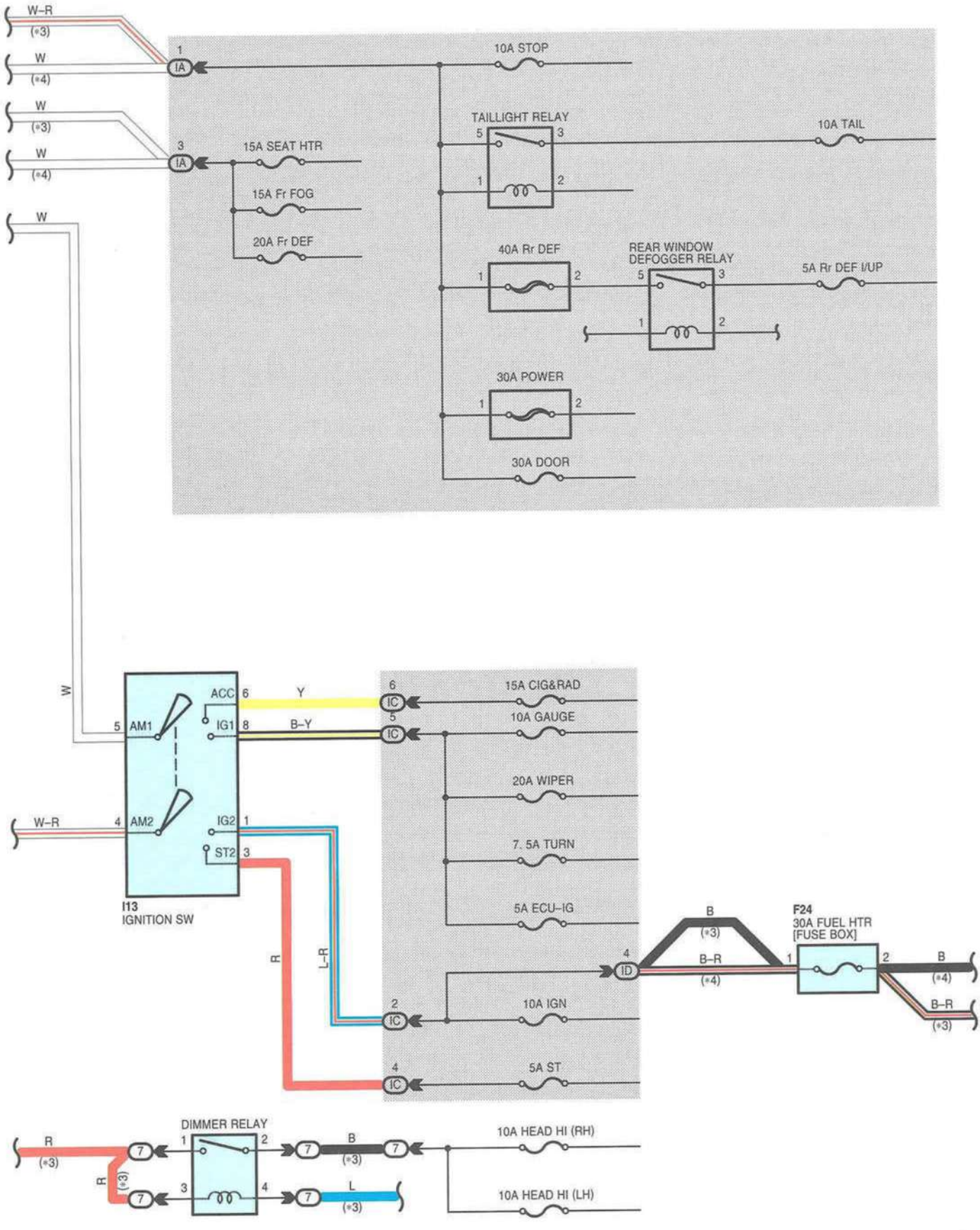
	Página
ABS	354
ACONDICIONADOR DE AIRE	434
ACONDICIONADOR DE AIRE AUTOMATICO	428
ALIMENTACION	158
ARRANQUE	162
BOCINA	374
CALEFACTOR DE COMBUSTIBLE	378
CALEFACTOR DEL ASIENTO (DIRECCION A LA IZQUIERDA)	376
CARGA	166
CONTROL DE BLOQUEO DE LA PUERTA	386
CONTROL DE BLOQUEO DE LAS PUERTAS INALAMBRICO	380
CONTROL DEL MOTOR (2C-T)	236
CONTROL DEL MOTOR (2C-TE)	226
CONTROL DEL MOTOR (3S-FE)	178
CONTROL DEL MOTOR (7A-FE, 4A-FE TIPO COMBUSTION POBRE)	192
CONTROL DEL MOTOR (TIPO ESTEQUIOMETRICO 4A-FE PARA EUROPA)	204
CONTROL DEL MOTOR (TIPO ESTEQUIOMETRICO 4A-FE PARA GENERAL)	214
CONTROL DEL NIVEL DEL HAZ DEL FARO	316
DESEMPAÑADOR DE LA VENTANILLA TRASERA Y CALEFACTOR DEL RETROVISOR (DIRECCION A LA DERECHA)	332
DESHELADOR DE LA VENTANILLA DELANTERA, DESEMPAÑADOR DE LA VENTANILLA TRASERA Y CALEFACTOR DEL RETROVISOR (DIRECCION A LA IZQUIERDA)	328
ECT (3S-FE)	336
ECT (TIPO COMBUSTION POBRE)	342
ECT (TIPO ESTEQUIOMETRICO 4A-FE PARA GENERAL)	348
ENCENDEDOR DE CIGARRILLOS	372
ENCENDIDO (3S-FE)	168
ENCENDIDO (7A-FE, 4A-FE TIPO COMBUSTION POBRE)	170
ENCENDIDO (TIPO ESTEQUIOMETRICO 4A-FE PARA EUROPA)	172
ENCENDIDO (TIPO ESTEQUIOMETRICO 4A-FE PARA GENERAL)	174
ESPEJO RETROVISOR DE CONTROL REMOTO	368
FARO (CON LUZ DE MARCHA DIURNA)	250
FARO (SIN LUZ DE MARCHA DIURNA)	256
ILUMINACION	306
LIMPIADOR DEL FARO (DIRECCION A LA IZQUIERDA)	312
LIMPIADOR Y LAVADOR DEL PARABRISAS	320
LIMPIADOR Y LAVADOR TRASEROS	324
LUZ ANTINIEBLA FRONTAL	296
LUZ ANTINIEBLA TRASERA	300
LUZ DE COLA	260
LUZ DE MARCHA ATRAS	290
LUZ DE PARADA	286
LUZ INTERIOR	268

Página

MEDIDOR DE COMBINACION 414
RADIO Y REPRODUCTOR 410
SEÃL DE GIRO Y LUZ DE ADVERTENCIA DE PELIGRO (DIRECCION A LA DERECHA) 280
SEÃL DE GIRO Y LUZ DE ADVERTENCIA DE PELIGRO (DIRECCION A LA IZQUIERDA) 274
SISTEMA ANTIRROBO 402
SISTEMA INMOVILIZADOR DEL MOTOR 244
SRS 359
TECHO LUNAR 398
VENTANILLA AUTOMATICA 392
VENTILADOR DEL RADIADOR Y VENTILADOR DEL CONDENSADOR. 422
ZUMBADOR RECORDATORIO DE LAS LUCES 366

POWER SOURCE




W–R
(*3)
W
(*4)
1
1A
10A STOP
W
(*3)
W
(*4)
3
1A
15A SEAT HTR
15A Fr FOG
20A Fr DEF
TAILLIGHT RELAY
5
3
1
2
10A TAIL
W
40A Rr DEF
1
2
REAR WINDOW
DEFOGGER RELAY
5
3
1
2
5A Rr DEF I/UP
30A POWER
1
2
30A DOOR
W
ACC
6
Y
IG1
8
B–Y
5
AM1
W–R
4
AM2
IG2
1
ST2
3
I13
IGNITION SW
R
L–R
6
1C
15A CIG&RAD
5
1C
10A GAUGE
20A WIPER
7. 5A TURN
5A ECU–IG
4
1D
2
1C
10A IGN
4
1C
5A ST
B
(*3)
B–R
(*4)
F24
30A FUEL HTR
[FUSE BOX]
1
2
B
(*4)
B–R
(*3)
DIMMER RELAY
R
(*3)
7
1
2
7
B
(*3)
7
10A HEAD HI (RH)
R
(*3)
7
3
4
7
L
(*3)
10A HEAD HI (LH)

POWER SOURCE

SERVICE HINTS

HEAD RELAY

1-2 : Closed with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position

TAILLIGHT RELAY

5-3 : Closed with the light control SW at **TAIL** or **HEAD** position

I13 IGNITION SW

5-6 : Closed with the ignition SW at **ACC** or **ON** position
5-8 : Closed with the ignition SW at **ON** or **ST** position
4-1 : Closed with the ignition SW at **ON** or **ST** position
4-3 : Closed with the ignition SW at **ST** position

○ : PARTS LOCATION

Code		See Page
F15	A	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F16	B	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F17	C	66 (LHD 3S-FE)
		68 (LHD *A)

Code		See Page
F17	C	70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F18	D	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F19	E	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)

Code		See Page
F19	E	74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F20	F	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F24		78 (LHD)
		96 (RHD)
I13		78 (LHD)
		96 (RHD)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	53	R/B No.4 (Passenger Side Dash Panel)
7	54	R/B No.7 (Radiator Upper Support RH)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Junction Block and Wire Harness (Connector Location)
IA	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2E	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2I	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2J	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

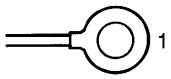
: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	104 (LHD 3S-FE)	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
	106 (LHD *A)	
	108 (LHD *B)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
EC1	110 (LHD 2C-TE)	Engine Wire and Cowl Wire (Under the Engine Room J/B)
	130 (RHD 2C-TE)	
IF1	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IH3	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)

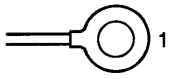
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	116 (LHD)	Cowl Wire	I18	134 (RHD)	Engine Room Main Wire

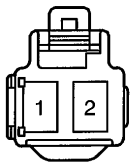
F15 (A)



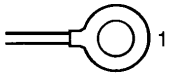
F16 (B)



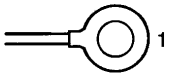
F17 (C) BLUE



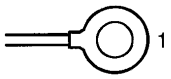
F18 (D)



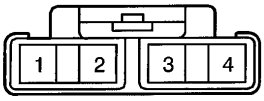
F19 (E)



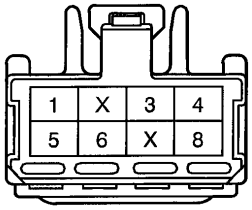
F20 (F)



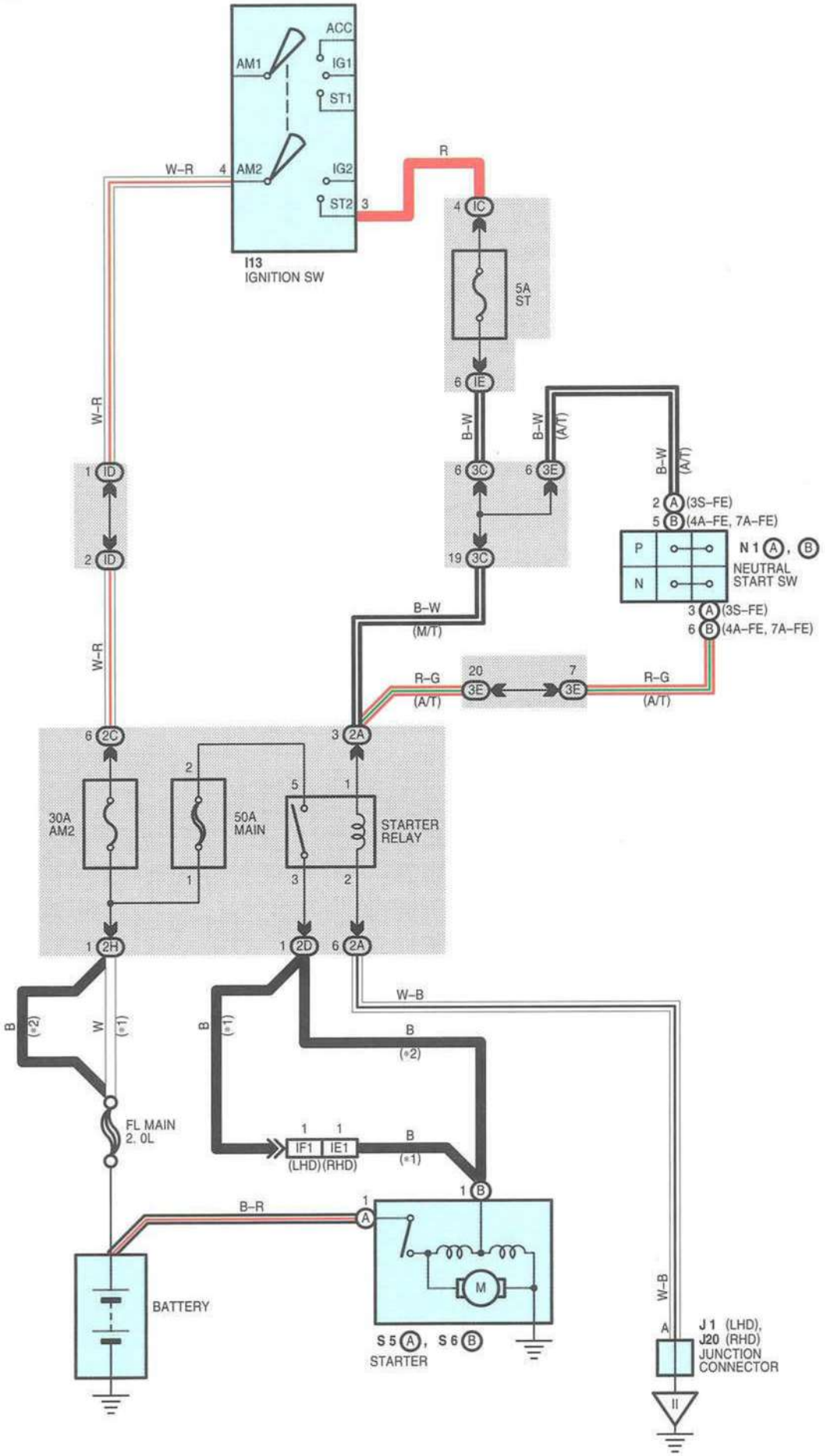
F24



I13



* 1 : GASOLINE
* 2 : DIESEL



SERVICE HINTS

S5 (A), S6 (B) STARTER

Points closed with the neutral start SW on and the ignition SW at **ST** position (A/T)
Points closed with the ignition SW at **ST** position (M/T)

N1 (A), (B) NEUTRAL START SW

(A) 2-(A)3, (B) 5-(B) 6 : Closed with the A/T shift lever in **P** or **N** position

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code		See Page	Code		See Page	Code		See Page
I13		78 (LHD)	S5	A	66 (LHD 3S-FE)	S6	B	66 (LHD 3S-FE)
		96 (RHD)			86 (RHD 3S-FE)			68 (LHD *A)
J1		78 (LHD)			68 (LHD *A)			70 (LHD *B)
J20		96 (RHD)			70 (LHD *B)			72 (LHD 2C-TE)
N1	A	66 (LHD 3S-FE)			72 (LHD 2C-TE)			74 (LHD 2C-T)
		86 (RHD 3S-FE)			74 (LHD 2C-T)			86 (RHD 3S-FE)
	B	68 (LHD *A)			88 (RHD *A)			88 (RHD *A)
		70 (LHD *B)			90 (RHD *B)			90 (RHD *B)
		88 (RHD *A)			92 (RHD 2C-TE)			92 (RHD 2C-TE)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2C		
2D	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

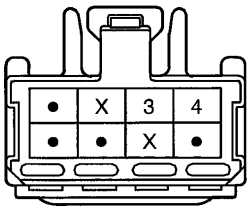
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF1	114 (LHD)	

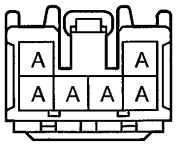
▽ : GROUND POINTS

Code	See Page	Ground Points Location
II	114 (LHD)	Left Kick Panel
	132 (RHD)	

I13

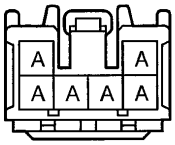


J1



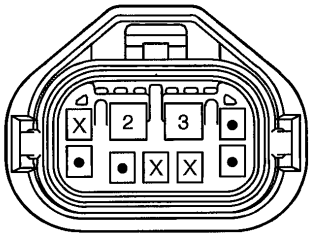
(Hint : See Page 7, 23, 39)

J20

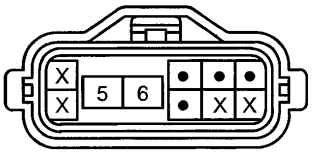


(Hint : See Page 7, 23, 39)

(3S-FE) N1 (A) GRAY



(4A-FE, 7A-FE) N1 (B) GRAY



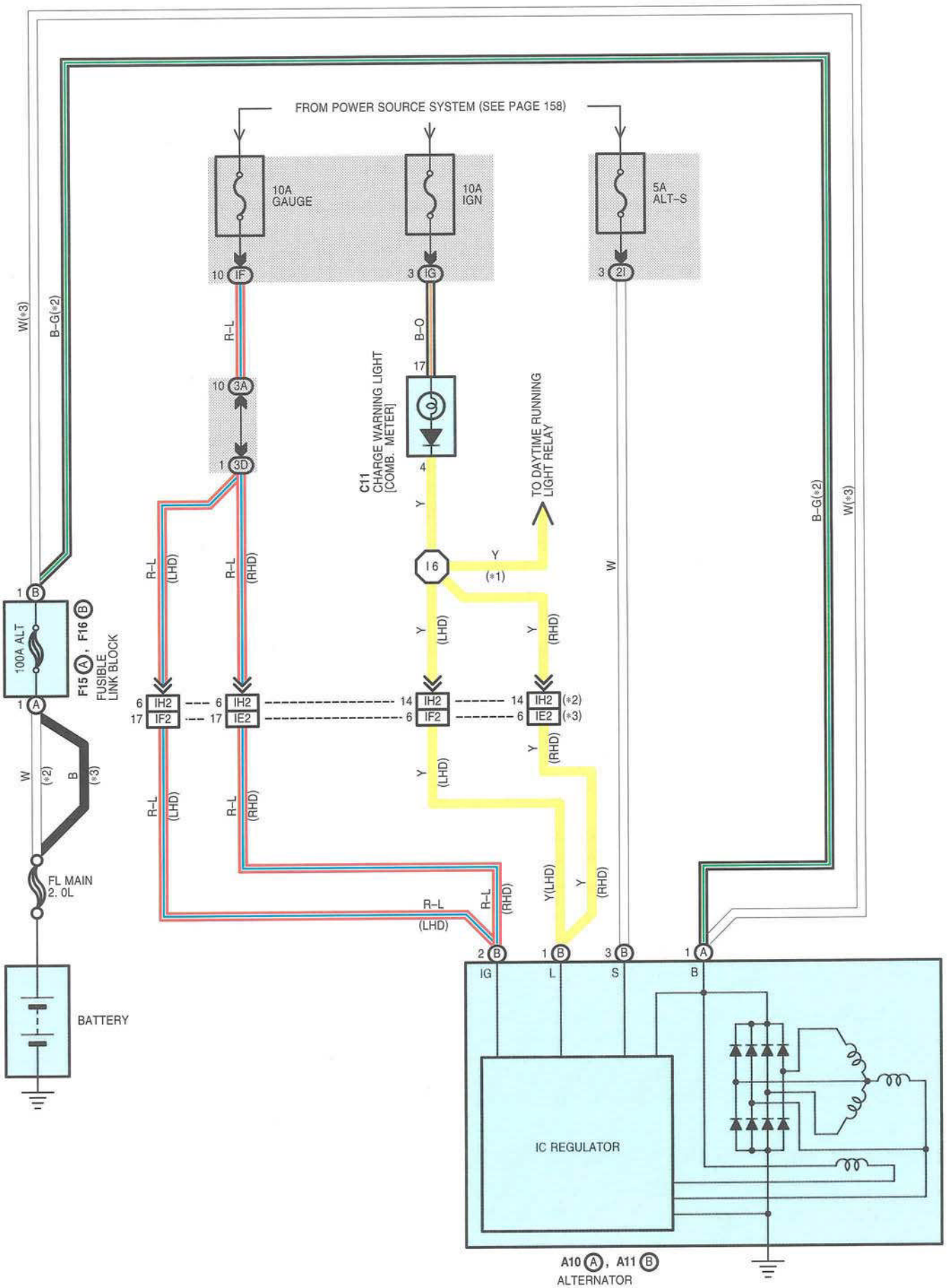
S5 (A)



S6 (B) BLACK



* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : GASOLINE
* 3 : DIESEL



SERVICE HINTS

A11 (B) ALTERNATOR

(B) 3-GROUND : **13.9-15.1** volts with the engine running at **2000** rpm and **25°C (77°F)**
13.5-14.3 volts with the engine running at **5000** rpm and **115°C (239°F)**

(B) 1-GROUND : **0-4** volts with the ignition SW at **ON** position and the engine not running

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code		See Page
A10	A	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
A11	B	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)

Code		See Page
A11	B	74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
C11		76 (LHD)
		94 (RHD)
F15	A	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)

Code		See Page
F15	A	88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F16	B	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IF	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IG		
2I	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

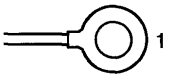
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	114 (LHD)	
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	

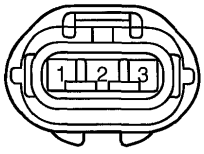
⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	116 (LHD)	Cowl Wire			

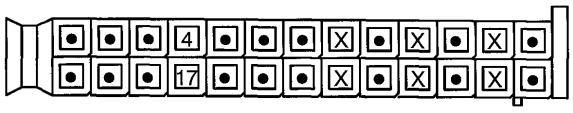
A10 (A)



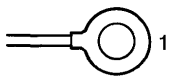
A11 (B) BLACK

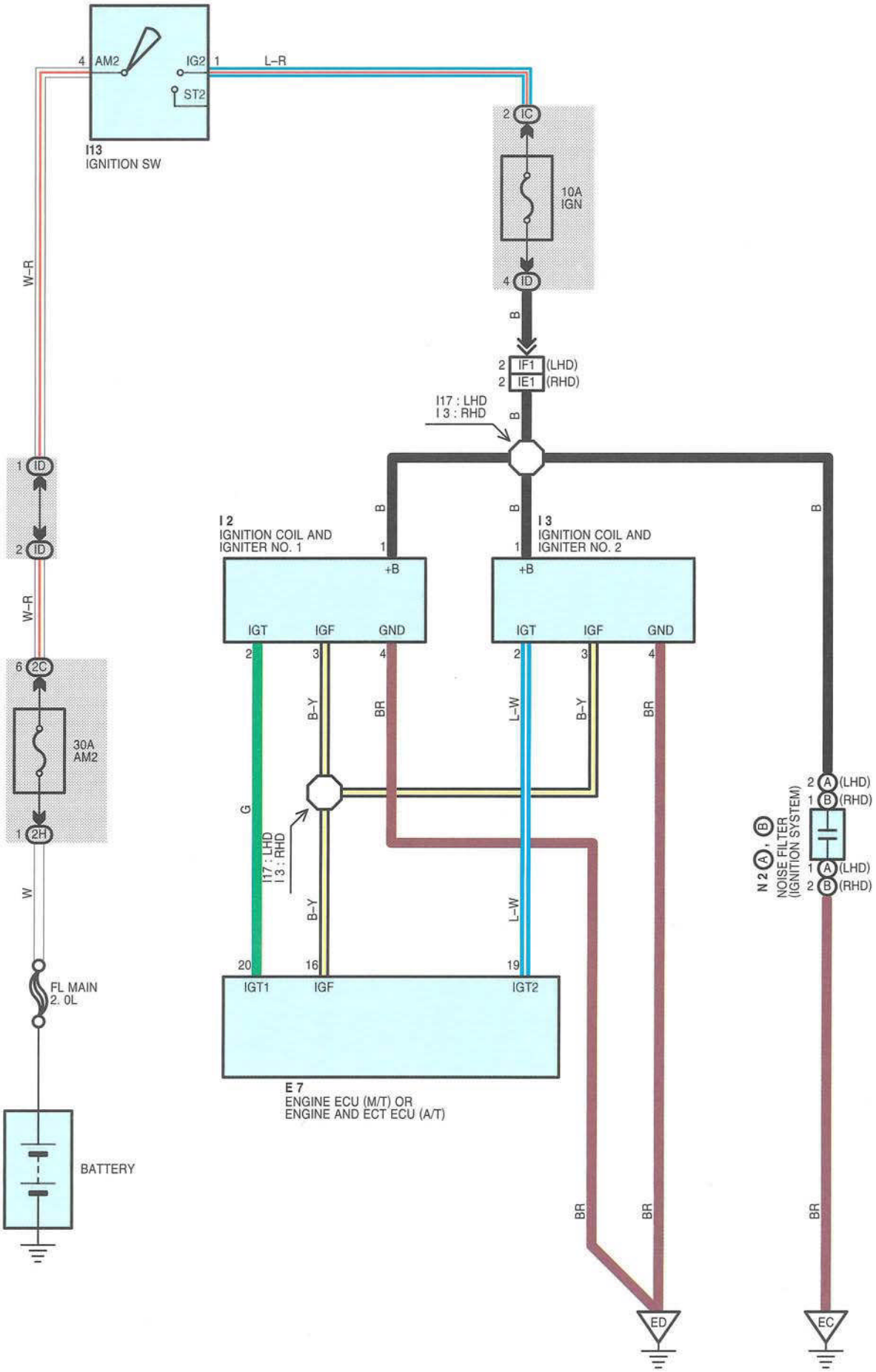


C11 GREEN



F15 (A), F16 (B)




I13
IGNITION SW
4 AM2
IG2 1
ST2
L-R
2 IC
10A
IGN
4 ID
B
2 IF1 (LHD)
2 IE1 (RHD)
I17 : LHD
I 3 : RHD
W-R
1 ID
2 ID
W-R
6 2C
30A
AM2
1 2H
W
FL MAIN
2. 0L
BATTERY
I 2
IGNITION COIL AND
IGNITER NO. 1
I 3
IGNITION COIL AND
IGNITER NO. 2
+B
IGT
IGF
GND
B-Y
BR
L-W
G
I17 : LHD
I 3 : RHD
20
16
19
IGT1
IGF
IGT2
E 7
ENGINE ECU (M/T) OR
ENGINE AND ECT ECU (A/T)
N 2 (A), (B)
NOISE FILTER
(IGNITION SYSTEM)
2 (A) (LHD)
1 (B) (RHD)
1 (A) (LHD)
2 (B) (RHD)
ED
EC

SERVICE HINTS

I13 IGNITION SW

4-1 : Closed with the ignition SW at **ON** or **ST** position

: PARTS LOCATION

Code	See Page	Code	See Page	Code		See Page
E7	76 (LHD)	I3	66 (LHD 3S-FE)	N2	A	78 (LHD)
	94 (RHD)		86 (RHD 3S-FE)		B	96 (RHD)
I2	66 (LHD 3S-FE)	I13	78 (LHD)			
	86 (RHD 3S-FE)		96 (RHD)			

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF1	114 (LHD)	

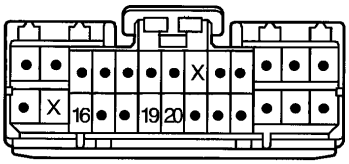
: GROUND POINTS

Code	See Page	Ground Points Location
EC	104 (LHD 3S-FE)	Behind the Intake Manifold
	124 (RHD 3S-FE)	
ED	104 (LHD 3S-FE)	Engine Block Left Side
	124 (RHD 3S-FE)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	134 (RHD)	Engine Wire	I17	116 (LHD)	Engine Wire

E7



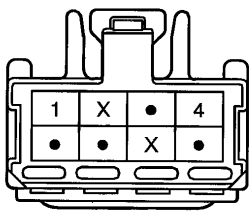
I2 GRAY



I3 BLACK



I13



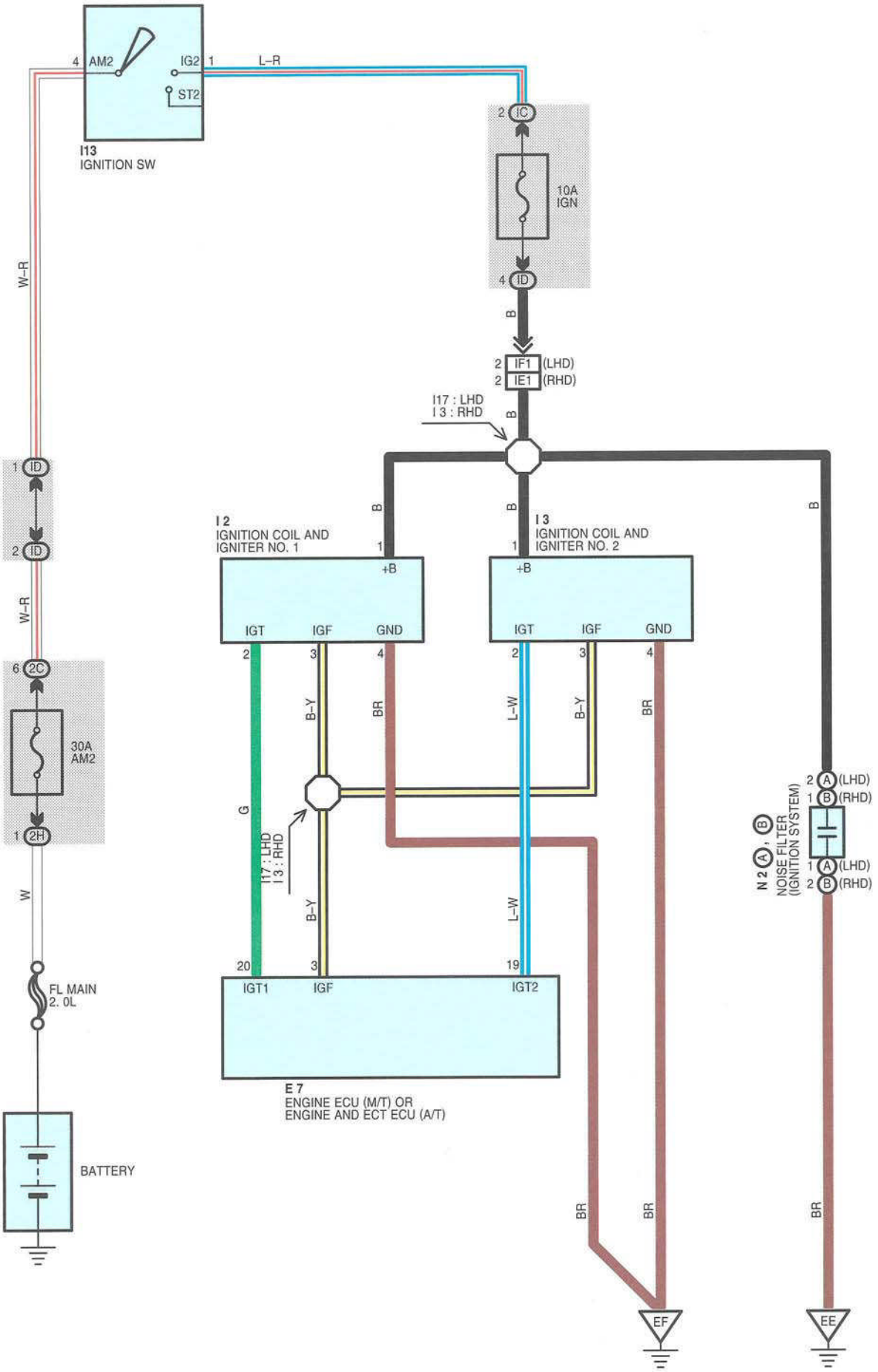
(LHD) N2 (A)



(RHD) N2 (B)



IGNITION (7A-FE, 4A-FE LEAN BURN TYPE)



SERVICE HINTS

I13 IGNITION SW

4–1 : Closed with the ignition SW at **ON** or **ST** position

○ : PARTS LOCATION

* A : 7A–FE, 4A–FE Lean Burn Type

Code	See Page	Code	See Page	Code		See Page
E7	76 (LHD)	I3	68 (LHD *A)	N2	A	78 (LHD)
	94 (RHD)		88 (RHD *A)		B	96 (RHD)
I2	68 (LHD *A)	I13	78 (LHD)			
	88 (RHD *A)		96 (RHD)			

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF1	114 (LHD)	

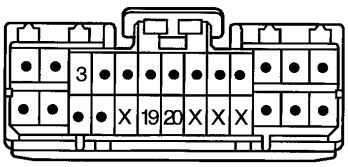
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EE	106 (LHD *A)	Under the Intake Manifold
	126 (RHD *A)	
EF	106 (LHD *A)	Near the Throttle Body
	126 (RHD *A)	

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	134 (RHD)	Engine Wire	I17	116 (LHD)	Engine Wire

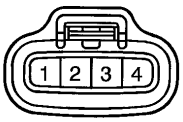
E7



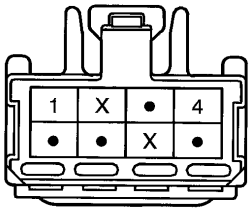
I2 GRAY



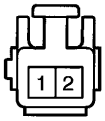
I3 BLACK



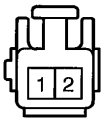
I13



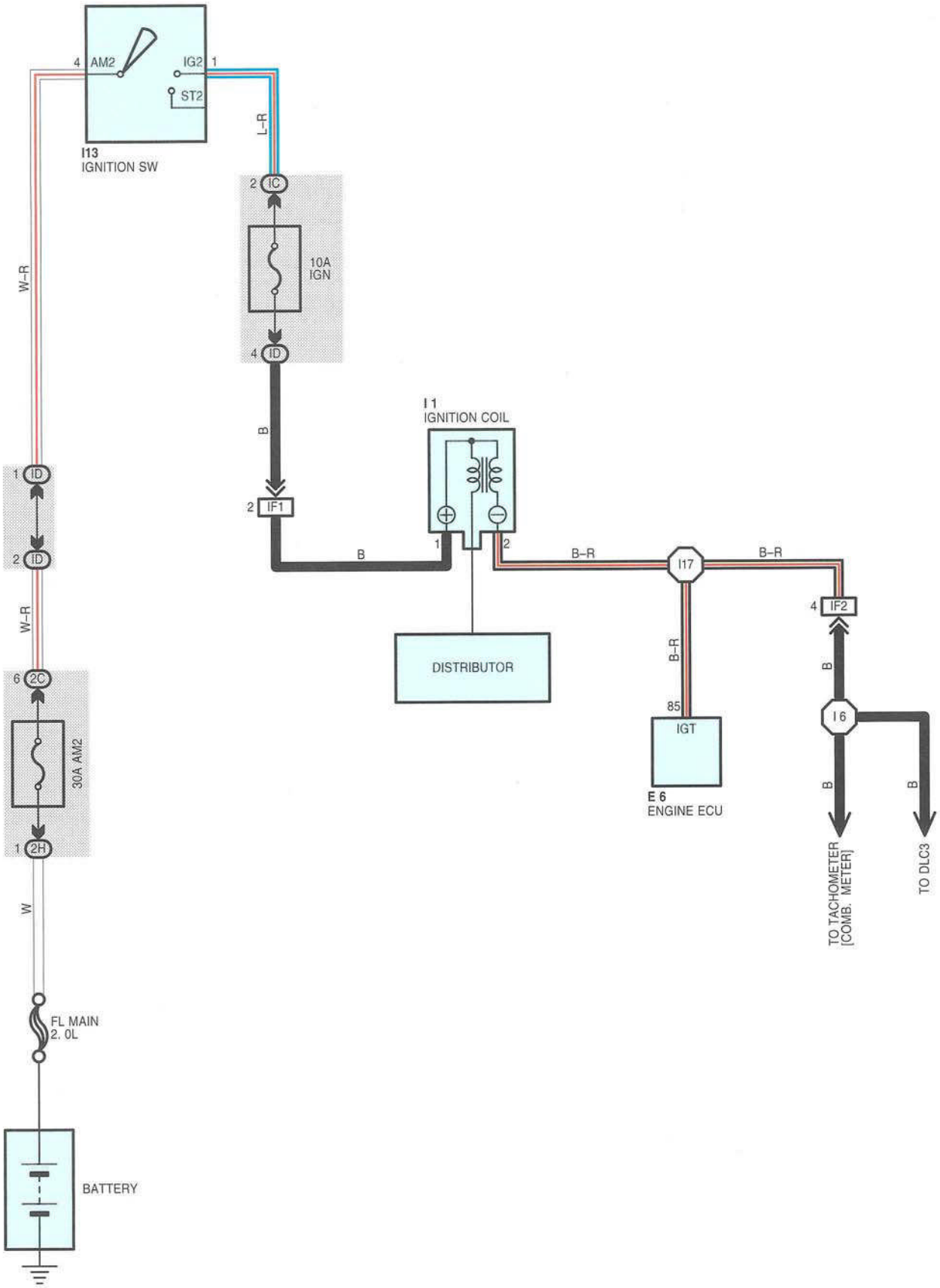
(LHD) N2 (A) GRAY



(RHD) N2 (B) GRAY



IGNITION (4A-FE EUROPE STOICHIOMETRIC TYPE)



SERVICE HINTS

I13 IGNITION SW

4–1 : Closed with the ignition SW at **ON** or **ST** position

: PARTS LOCATION

* B : 4A-FE Stoichiometric Type

Code	See Page	Code	See Page	Code	See Page
E6	76 (LHD)	I1	70 (LHD *B)	I13	78 (LHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

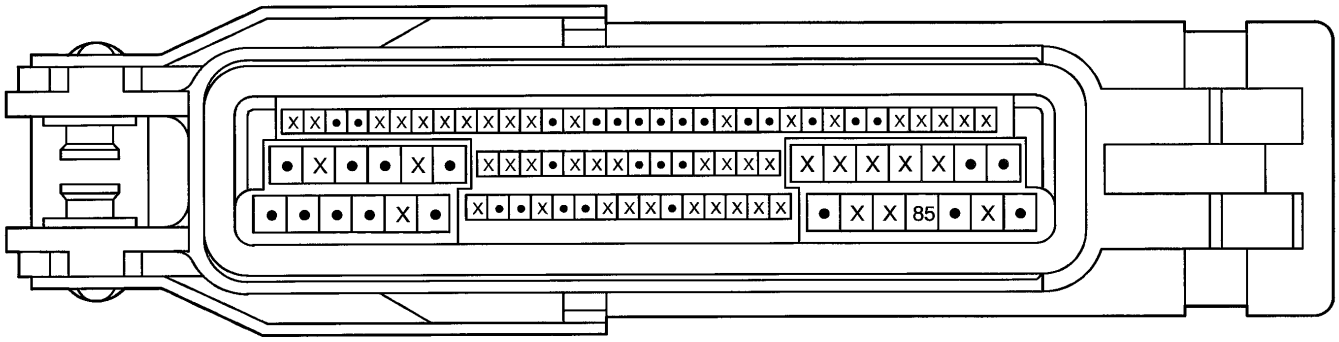
: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF1	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2		

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I17	116 (LHD)	Engine Wire			

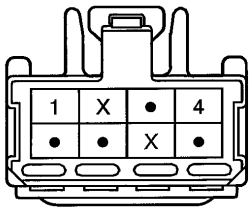
E6 BLACK



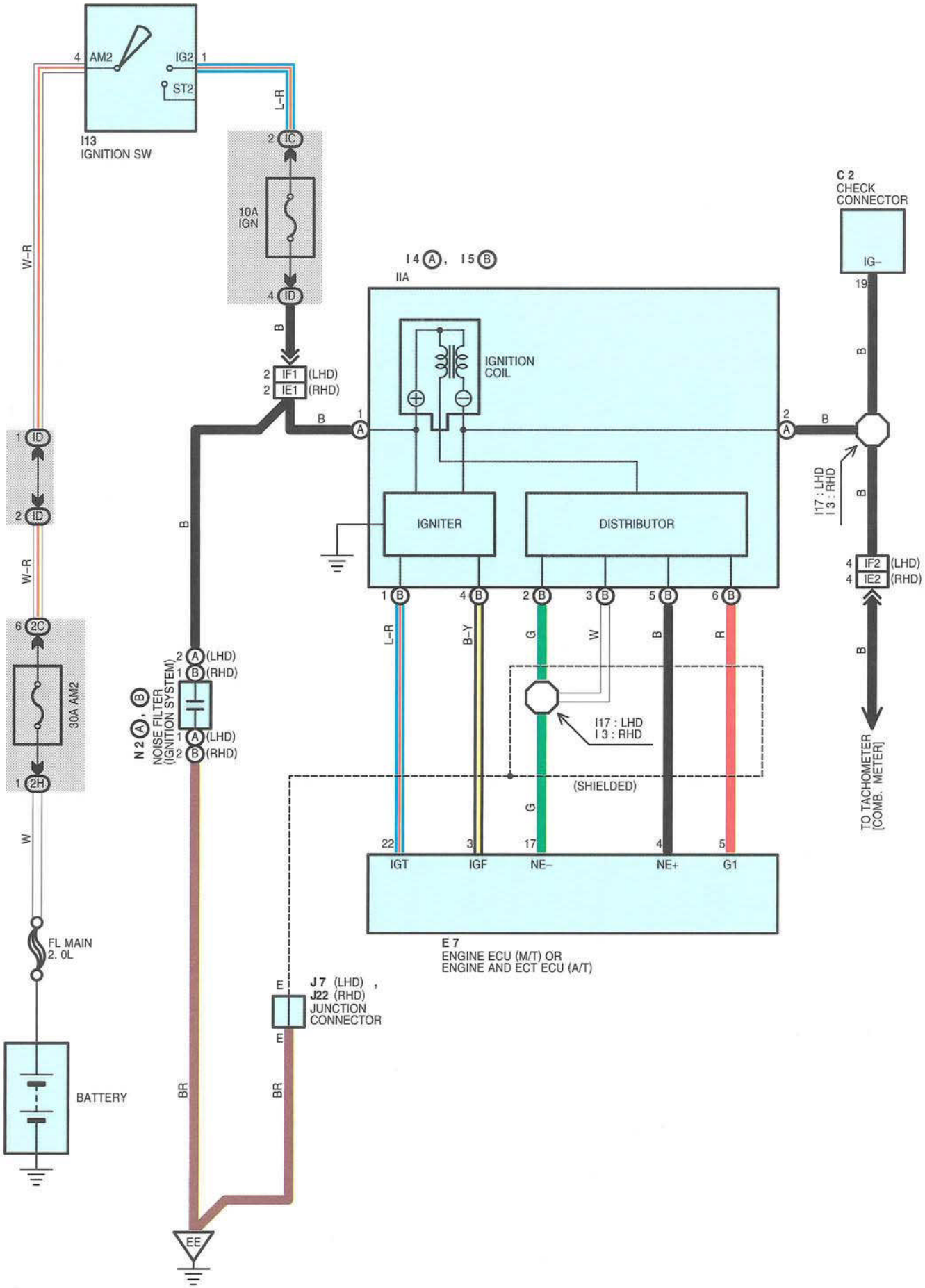
I1 BLACK



I13



IGNITION (4A-FE GENERAL STOICHIOMETRIC TYPE)



SERVICE HINTS

I13 IGNITION SW

4–1 : Closed with the ignition SW at **ON** or **ST** position

○ : PARTS LOCATION

* B : 4A-FE Stoichiometric Type

Code		See Page	Code		See Page	Code		See Page
C2		70 (LHD *B)	I4	A	90 (RHD *B)	J7		78 (LHD)
		90 (RHD *B)	I5	B	70 (LHD *B)	J22		96 (RHD)
E7		76 (LHD)			90 (RHD *B)	N2	A	78 (LHD)
		94 (RHD)	I13		78 (LHD)		B	96 (RHD)
I4	A	70 (LHD *B)			96 (RHD)			

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2		
IF1	114 (LHD)	
IF2		

▽ : GROUND POINTS

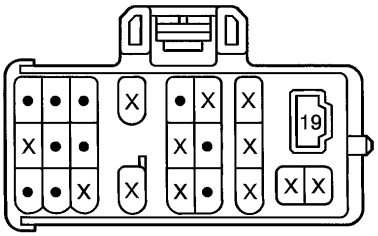
Code	See Page	Ground Points Location
EE	108 (LHD *B)	Under the Intake Manifold
	128 (RHD *B)	

⬡ : SPLICE POINTS

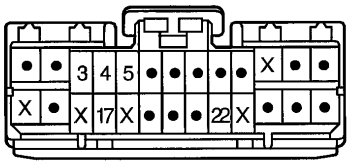
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	134 (RHD)	Engine Wire	I17	116 (LHD)	Engine Wire

IGNITION (4A-FE GENERAL STOICHIOMETRIC TYPE)

C2 BLACK



E7



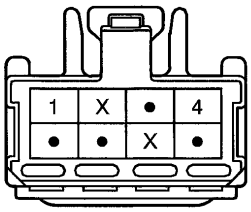
I4 (A) DARK GRAY



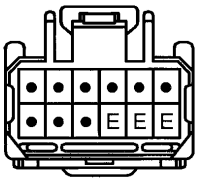
I5 (B) GRAY



I13

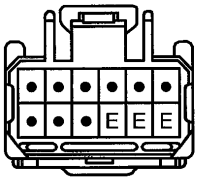


J7 BLACK



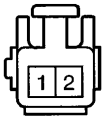
(Hint : See Page 7, 23, 39)

J22 BLACK

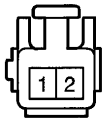


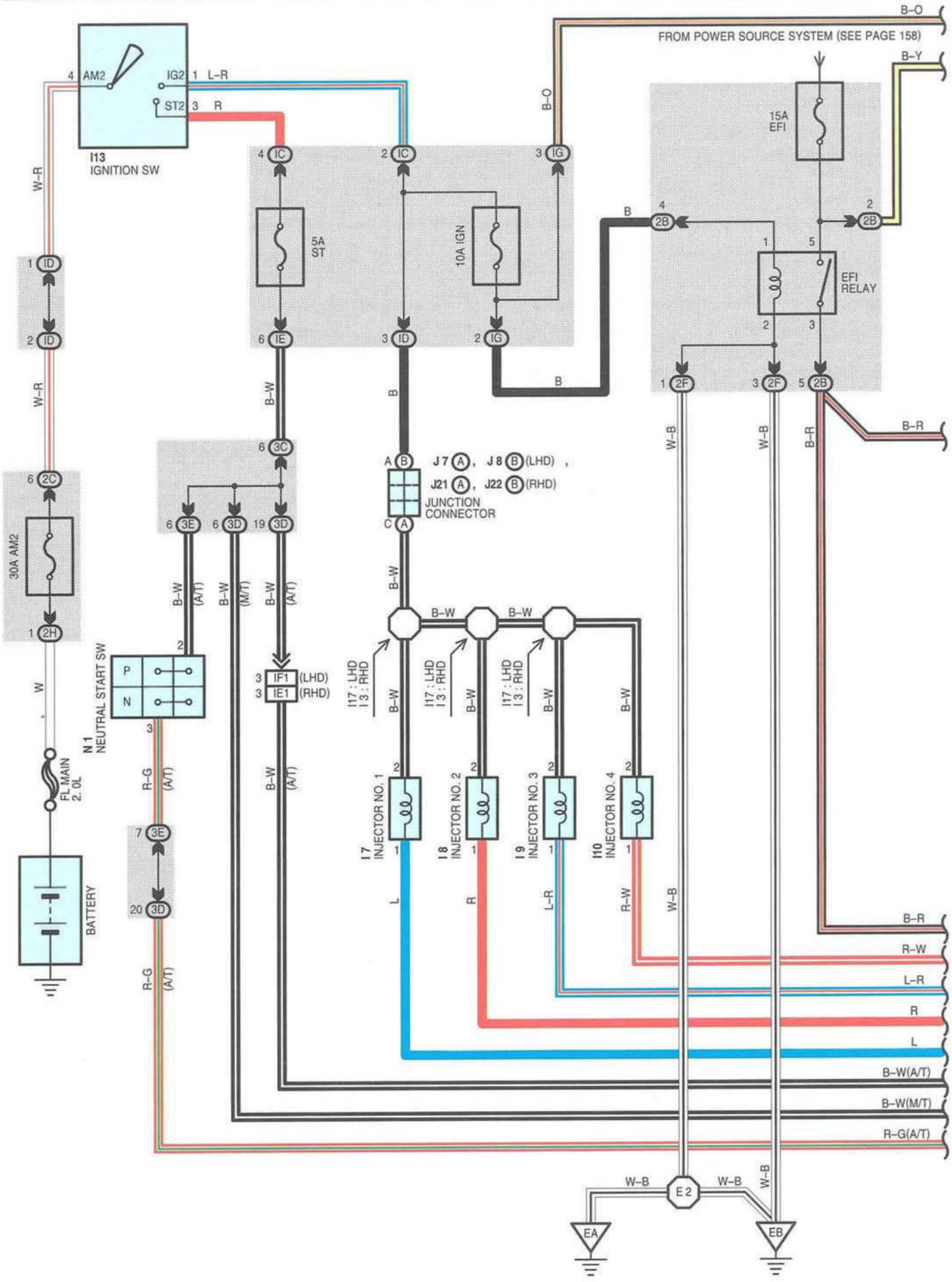
(Hint : See Page 7, 23, 39)

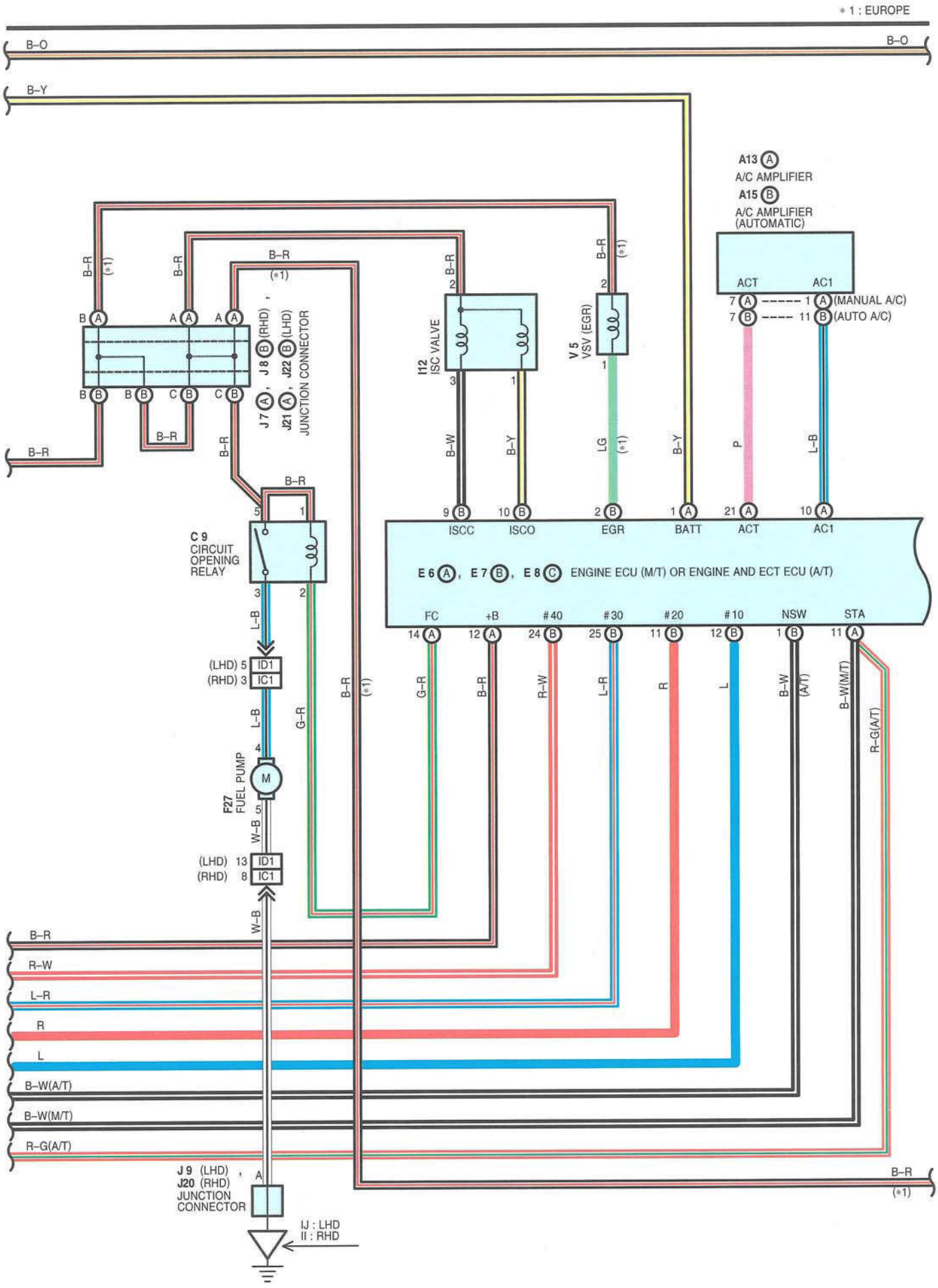
(LHD) N2 (A) GRAY

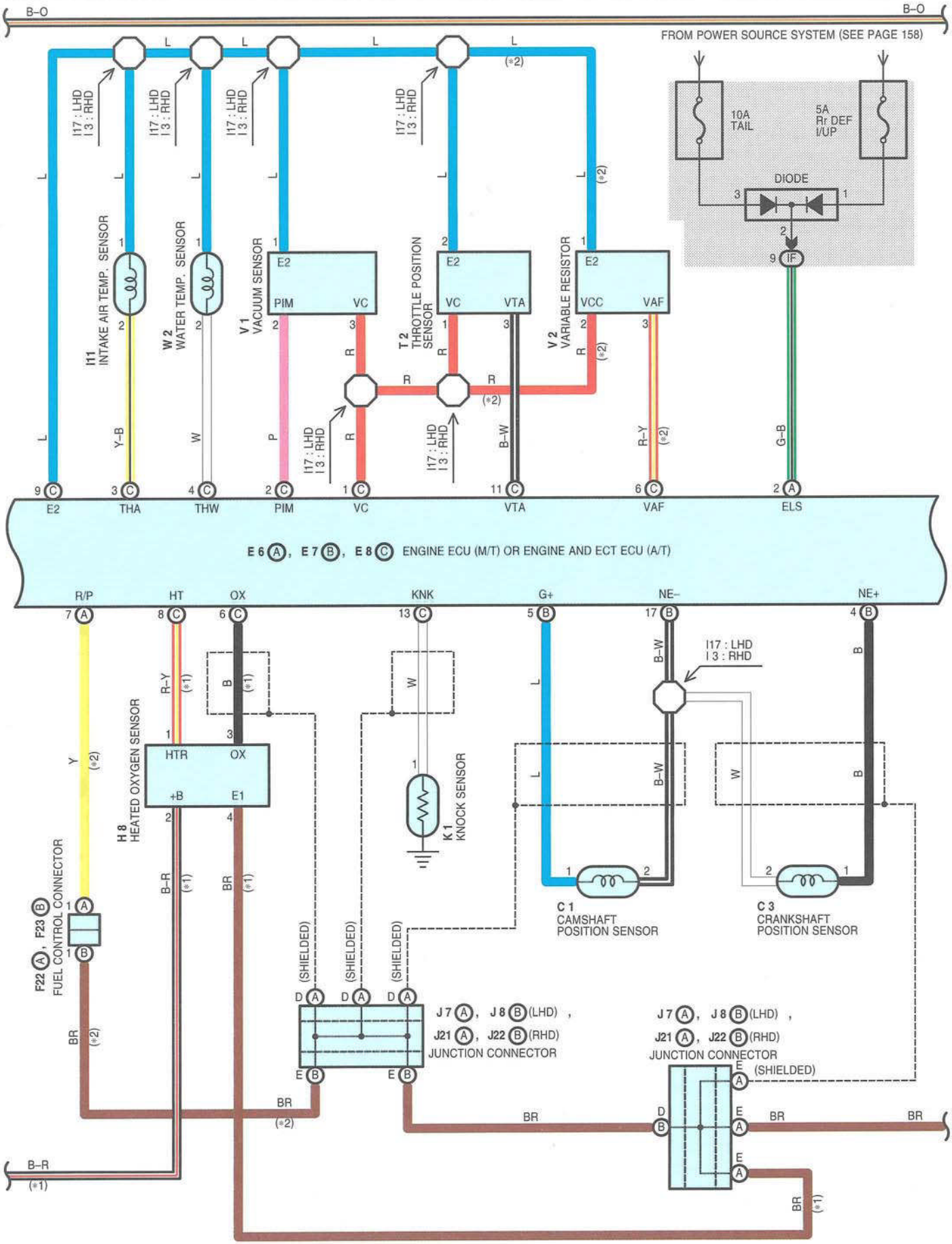


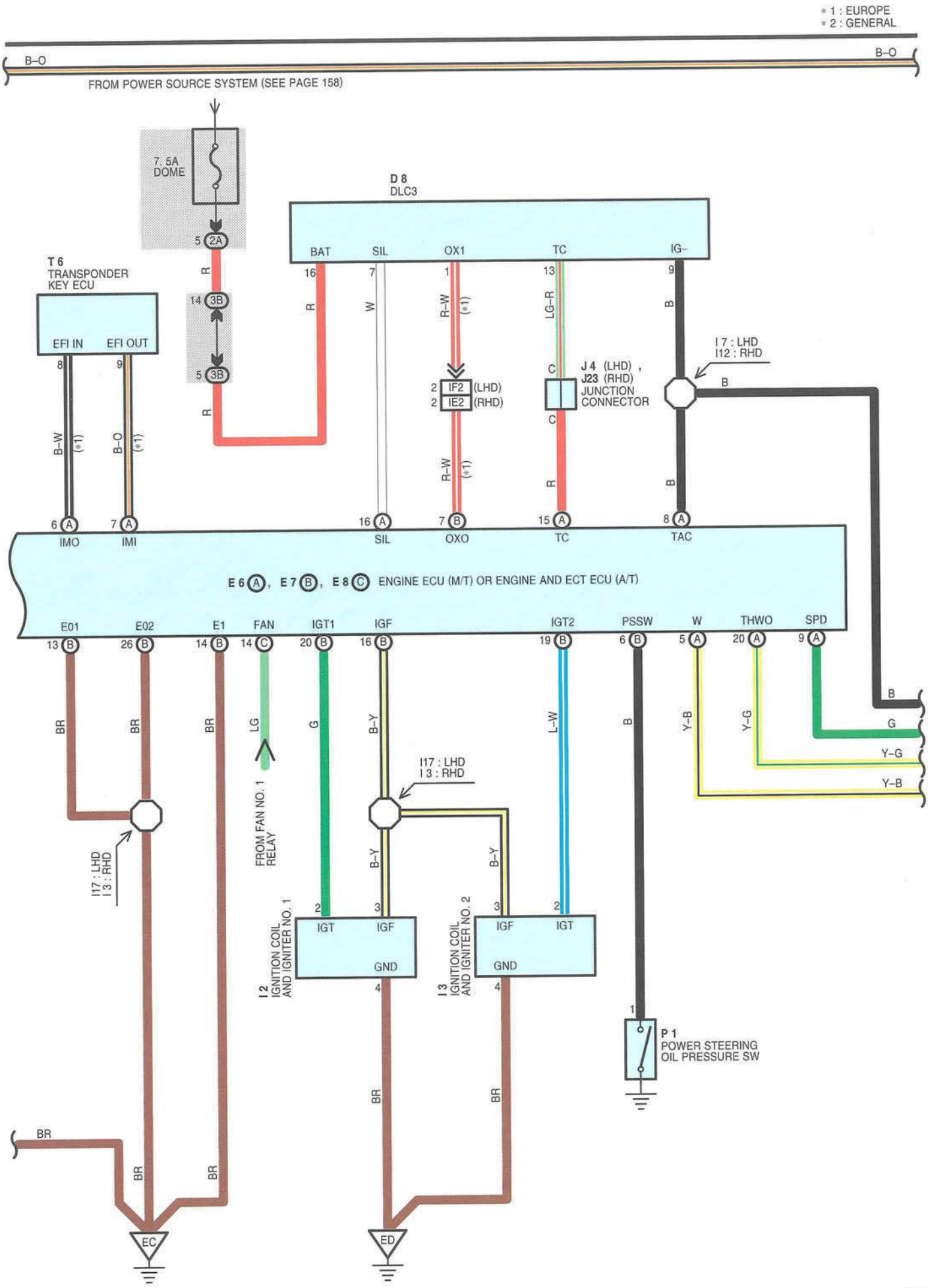
(RHD) N2 (B) GRAY

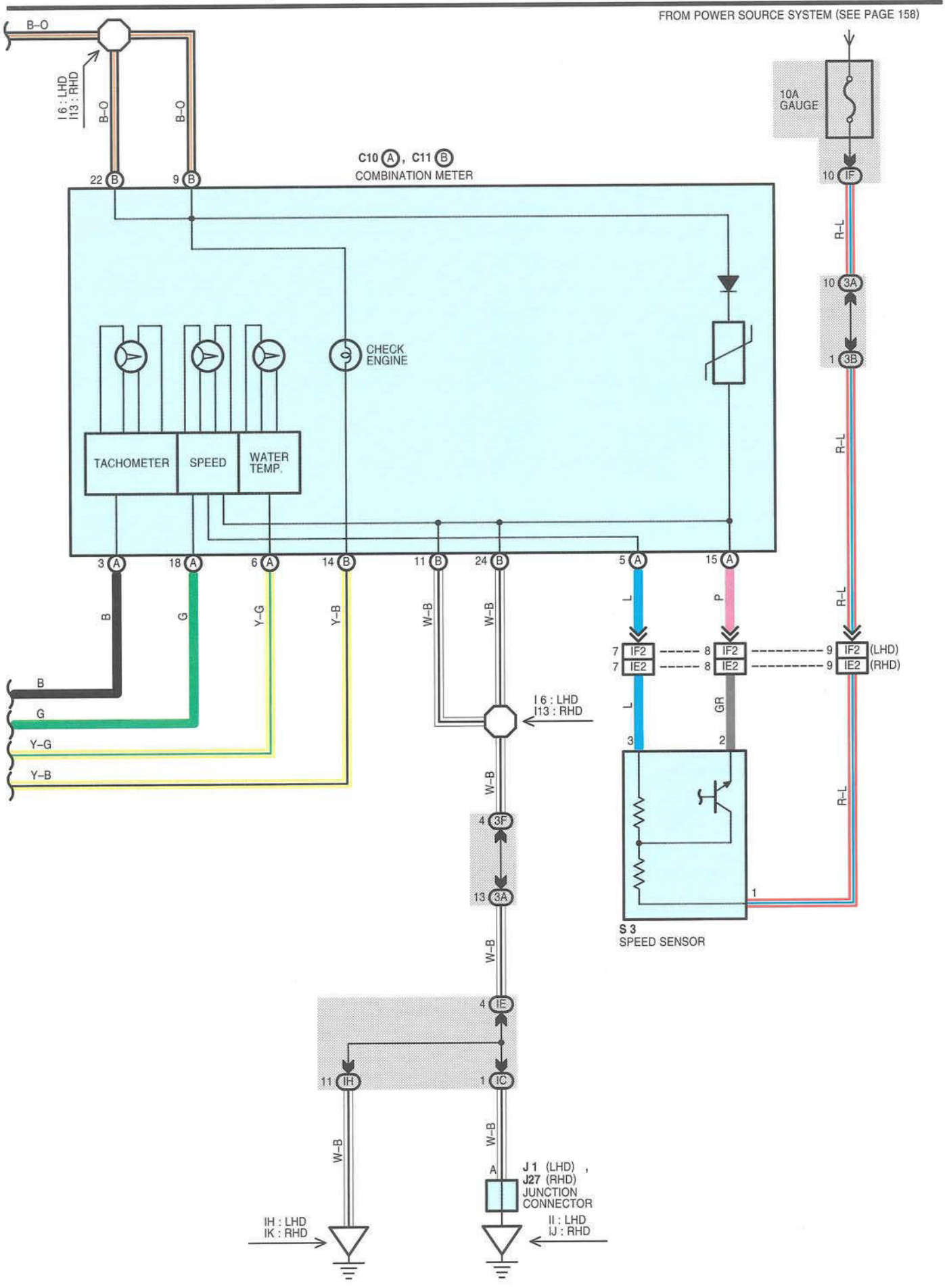



B-O
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
B-Y
15A EFI
EFI RELAY
I13 IGNITION SW
AM2
IG2
ST2
L-R
R
W-R
5A ST
10A IGN
B
B-W
B-R
J7 (A), J8 (B) (LHD),
J21 (A), J22 (B) (RHD)
JUNCTION CONNECTOR
30A AM2
N1 NEUTRAL START SW
P
N
(A/T)
(M/T)
IF1 (LHD)
IE1 (RHD)
I7 INJECTOR NO. 1
I8 INJECTOR NO. 2
I9 INJECTOR NO. 3
I10 INJECTOR NO. 4
I7 : LHD
I3 : RHD
L
R
L-R
R-W
W-B
R-G
FL MAIN 2.0L
BATTERY
E2
EA
EB
B-W(A/T)
B-W(M/T)
R-G(A/T)


* 1 : EUROPE
B–O
B–O
B–Y
A13 A
A/C AMPLIFIER
A15 B
A/C AMPLIFIER
(AUTOMATIC)
ACT
AC1
7 A ----- 1 A (MANUAL A/C)
7 B ---- 11 B (AUTO A/C)
B–R
(*1)
J8 B (RHD) ,
J22 B (LHD)
J7 A , J21 A
JUNCTION CONNECTOR
I12
ISC VALVE
V5
VSV (EGR)
B–W
B–Y
LG
(*1)
B–Y
P
L–B
9 B
10 B
2 B
1 A
21 A
10 A
ISCC
ISCO
EGR
BATT
ACT
AC1
C9
CIRCUIT
OPENING
RELAY
E6 A , E7 B , E8 C ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
FC
+B
#40
#30
#20
#10
NSW
STA
14 A
12 A
24 B
25 B
11 B
12 B
1 B
11 A
G–R
B–R
R–W
L–R
R
L
B–W
(A/T)
B–W(M/T)
R–G(A/T)
L–B
(LHD) 5 ID1
(RHD) 3 IC1
F27
FUEL PUMP
W–B
(LHD) 13 ID1
(RHD) 8 IC1
B–R
R–W
L–R
R
L
B–W(A/T)
B–W(M/T)
R–G(A/T)
J9 (LHD) ,
J20 (RHD)
JUNCTION
CONNECTOR
A
IJ : LHD
II : RHD


B-O
B-O
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
10A TAIL
5A Rr DEF I/UP
DIODE
I17 : LHD
I3 : RHD
I11 INTAKE AIR TEMP. SENSOR
W2 WATER TEMP. SENSOR
V1 VACUUM SENSOR
T2 THROTTLE POSITION SENSOR
V2 VARIABLE RESISTOR
E2
PIM
VC
VTA
VCC
VAF
IF
ELS
E6 (A), E7 (B), E8 (C) ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
R/P
HT
OX
KNK
G+
NE-
NE+
H8 HEATED OXYGEN SENSOR
HTR
+B
E1
K1 KNOCK SENSOR
C1 CAMSHAFT POSITION SENSOR
C3 CRANKSHAFT POSITION SENSOR
F22 (A), F23 (B) FUEL CONTROL CONNECTOR
(SHIELDED)
J7 (A), J8 (B) (LHD), J21 (A), J22 (B) (RHD) JUNCTION CONNECTOR
J7 (A), J8 (B) (LHD), J21 (A), J22 (B) (RHD) JUNCTION CONNECTOR
(SHIELDED)
B-R
BR
R-Y
Y
Y-B
W
P
R
L
B
B-W
G-B
(*1)
(*2)


* 1 : EUROPE
* 2 : GENERAL
B–O
B–O
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
7.5A DOME
5 2A
D 8 DLC3
BAT SIL OX1 TC IG–
16 7 1 13 9
T 6 TRANSPONDER KEY ECU
EFI IN EFI OUT
8 9
14 3B
5 3B
R
W
R–W (*1)
LG–R
B
2 IF2 (LHD)
2 IE2 (RHD)
C J 4 (LHD) , J23 (RHD) JUNCTION CONNECTOR
I 7 : LHD
I12 : RHD
B–W (*1)
B–O (*1)
6 A IMO
7 A IMI
16 A SIL
7 B OXO
15 A TC
8 A TAC
E 6 A , E 7 B , E 8 C ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
E01 E02 E1 FAN IGT1 IGF IGT2 PSSW W THWO SPD
13 B 26 B 14 B 14 C 20 B 16 B 19 B 6 B 5 A 20 A 9 A
BR LG G B–Y L–W B Y–B Y–G
I17 : LHD
I 3 : RHD
FROM FAN NO. 1 RELAY
I 2 IGNITION COIL AND IGNITER NO. 1
IGT IGF GND
I 3 IGNITION COIL AND IGNITER NO. 2
IGF IGT GND
P 1 POWER STEERING OIL PRESSURE SW
EC
ED


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
B-O
I6 : LHD
I13 : RHD
B-O
B-O
10A
GAUGE
C10 (A), C11 (B)
COMBINATION METER
22 (B)
9 (B)
10 (IF)
R-L
10 (3A)
1 (3B)
R-L
CHECK
ENGINE
TACHOMETER
SPEED
WATER
TEMP.
3 (A)
18 (A)
6 (A)
14 (B)
11 (B)
24 (B)
5 (A)
15 (A)
B
G
Y-G
Y-B
W-B
W-B
L
P
R-L
7 IF2
7 IE2
8 IF2
8 IE2
9 IF2 (LHD)
9 IE2 (RHD)
B
G
Y-G
Y-B
I6 : LHD
I13 : RHD
L
GR
3
2
W-B
4 (3F)
13 (3A)
R-L
1
S3
SPEED SENSOR
W-B
4 (IE)
11 (IH)
1 (IC)
W-B
W-B
A
J1 (LHD),
J27 (RHD)
JUNCTION
CONNECTOR
IH : LHD
IK : RHD
II : LHD
IJ : RHD

SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, transaxle, etc. an outline of engine control is given here.

1. INPUT SIGNALS

(1) Engine coolant temp. signal system

The water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance which varies according to the engine coolant temp. thus the engine coolant temp. is input in the form of a control signal to **TERMINAL THW** of the ECU.

(2) Intake air temp. signal system

The intake air temp. sensor detects the intake air temp., which is input as a control signal to **TERMINAL THA** of the ECU.

(3) Oxygen sensor signal system

The oxygen density in the exhaust emissions is detected and input as a control signal to **TERMINAL OX** of the ECU.

(4) RPM signal system

Crankshaft position is detected by the crankshaft position sensor. Crankshaft position is input as a control signal to **TERMINAL NE+** of the ECU.

(5) Throttle signal system

The throttle position sensor detects the throttle valve opening angle, which is input as a control signal to **TERMINAL VTA** of the ECU.

(6) Vehicle speed signal system

The speed sensor detects the vehicle speed and inputs a control signal to **TERMINAL SPD** of the ECU via the combination meter.

(7) A/C SW signal system

The operating voltage of the A/C amplifier is detected and input in the form of a control signal to **TERMINAL AC1** of the ECU.

(8) Battery signal system

Voltage is constantly applied to **TERMINAL BATT** of the ECU. When the ignition SW is turned to on, voltage for ECU operation is applied via the EFI relay to **TERMINAL +B** of the ECU.

(9) Intake air volume signal system

Intake air volume is detected by the vacuum sensor and is input as a control signal to **TERMINAL PIM** of the ECU.

(10) STA signal system

To confirm that the engine is cranking, voltage applied to the starter motor during cranking is detected and is input as a control signal to **TERMINAL STA** of the ECU.

(11) Electrical load signal system

The signal, when systems such as the rear window defogger, taillight, etc. Which cause a high electrical burden are on, is input to **TERMINAL ELS** as a control signal.

2. CONTROL SYSTEM

* EFI system

The EFI system monitors the engine condition through the signals, which are input from each sensor (Input signals from (1) to (11) etc.). The best fuel injection volume is decided based on this data and the program memorized by the ECU, and the control signal is output to **TERMINALS #10, #20, #30,** and **#40** of the ECU to operate the injector (Inject the fuel). The EFI system produces control of fuel injection operation by the ECU in response to the driving conditions.

During engine cranking (Signal input to **TERMINAL STA**) or for approx. **2** seconds after NE signal input, ECU operation energizes (Point closed) the fuel pump circuit inside the circuit opening relay, causing the fuel pump to operate.

* ESA system

The ESA system monitors the engine conditions using the signals (Input signals (1 to 5, 8, 9)) input to the ECU from each sensor. Based on this data and the program memorized in the ECU, the most appropriate ignition timing is decided and current is output to **TERMINALS IGT1, IGT2** of the ECU. This output controls the igniter to produce the most appropriate ignition timing for the driving conditions.

* ISC system

The ISC system (Step motor type) increases the RPM and provides idle stability for fast idle-up when the engine is cold, and when the idle speed has dropped due to electrical load and so on, the ECU evaluates the signals from each sensor (Input signals from 1, 4, 5, 7, 8), current is output to **TERMINALS ISCC** and **ISCO** to control ISC valve.

* EGR cut control system

The EGR cut control system controls the VSV (EGR) by evaluating the signals from each sensor input to the ECU (Input signals (1 to 6, 9)) and by sending output to **TERMINAL EGR** of the ECU.

* A/C cut control system

When the vehicle suddenly accelerates from low engine speed, this system cuts off air conditioner operation for a fixed period of time in response to the vehicle speed, throttle valve opening angle and intake manifold pressure in order to maintain acceleration performance.

The ECU receives input signals (4 to 6, 7), and outputs signals to **TERMINAL ACT**.

3. DIAGNOSIS SYSTEM

With the diagnosis system, when there is a malfunctioning in the ECU signal system, the malfunction system is recorded in the memory. The malfunctioning system can then be found by reading the display (Code) of the check engine warning light.

4. FAIL-SAFE SYSTEM

When a malfunction occurs in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the ECU memory or else stops the engine.

SERVICE HINTS

E6 (A), E7 (B), E8 (C) ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)

BATT-GROUND : Always **9.0-14.0** volts
+B-GROUND : **9.0-14.0** volts (Ignition SW at **ON** position)
VC-GROUND : **4.5-5.5** volts (Ignition SW at **ON** position)
VTA-GROUND : **0.3-0.8** volts (Ignition SW ON and throttle valve fully closed)
3.2-4.9 volts (Ignition SW ON and throttle valve open)
PIM-GROUND : **3.3-3.9** volts (Ignition SW at **ON** position)
THA-GROUND : **0.5-3.4** volts (Ignition SW ON and intake air temp. **20**°C, **68**°F)
THW-GROUND : **0.2-1.0** volts (Ignition SW ON and coolant temp. **80**°C, **176**°F)
STA-GROUND : **6.0-14.0** volts (Engine cranking)
IGT1-GROUND : **0.8-1.2** volts (Engine cranking or idling)
IGT2-GROUND : **0.8-1.2** volts (Engine cranking or idling)
W-GROUND : **9.0-14.0** volts (No trouble and engine running)
ACT-GROUND : **4.5-5.5** volts (Ignition SW ON and air conditioner ON)
AC1-GROUND : **0-3.0** volts (Ignition SW ON and air conditioner ON)
ISCC, ISCO-GROUND : **9.0-14.0** volts (Ignition SW at **ON** position)
#10, #20, #30, #40-GROUND : **9.0-14.0** volts (Ignition SW at **ON** position)

RESISTANCE OF ECU WIRING CONNECTORS

(Disconnect wiring connector)
VTA-GROUND : **3.3-10.0** kΩ (Throttle valve fully open)
0.2-0.8 kΩ (Throttle valve fully closed)
VC-GROUND : **3.0-7.0** kΩ
THA-GROUND : **2.0-3.0** kΩ (Intake air temp. **20**°C, **68**°F)
THW-GROUND : **0.2-0.4** kΩ (Coolant temp. **80**°C, **176**°F)
ISCC, ISCO-+B : **19.3-22.3** Ω

C9 CIRCUIT OPENING RELAY

5-3 : Closed with the starter cranking and engine running

EFI RELAY

3-5 : Closed with the ignition SW at **ON** or **ST** position

W2 WATER TEMP. SENSOR

1-2 : **15.04** kΩ (**-20**°C, **-4**°F)
5.74 k Ω (**0**°C, **32**°F)
2.45 kΩ (**20**°C, **68**°F)
1.15 kΩ (**40**°C, **104**°F)
0.58 kΩ (**60**°C, **140**°F)
0.32 kΩ (**80**°C, **176**°F)

I7, I8, I9, I10 INJECTOR NO.1, NO.2, NO.3, NO.4

1-2 : Approx. **13.8** Ω

T2 THROTTLE POSITION SENSOR

VC-E2 : **2.5-5.0** kΩ

O : PARTS LOCATION

Code		See Page
A13	A	76 (LHD)
		94 (RHD)
A15	B	76 (LHD)
		94 (RHD)
C1		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
C3		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
C9		76 (LHD)
		94 (RHD)
C10	A	76 (LHD)
		94 (RHD)
C11	B	76 (LHD)
		94 (RHD)
D8		76 (LHD)
		94 (RHD)
E6	A	76 (LHD)
		94 (RHD)
E7	B	76 (LHD)
		94 (RHD)
E8	C	76 (LHD)
		94 (RHD)
F22	A	78 (LHD)
		96 (RHD)
F23	B	78 (LHD)
		96 (RHD)
F27		80 (LHD S/D)
		82 (LHD L/B)

Code		See Page
F27		84 (LHD W/G)
		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
H8		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I2		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I3		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I7		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I8		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I9		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I10		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I11		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I12		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
I13		78 (LHD)
		96 (RHD)
J1		78 (LHD)
J4		78 (LHD)
J7	A	78 (LHD)
J8	B	78 (LHD)

Code		See Page
J9		78 (LHD)
J20		96 (RHD)
J21	A	96 (RHD)
J22	B	96 (RHD)
J23		96 (RHD)
J27		96 (RHD)
K1		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
N1		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
P1		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
S3		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
T2		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
T6		78 (LHD)
		96 (RHD)
V1		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
V2		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
V5		66 (LHD 3S-FE)
		86 (RHD 3S-FE)
W2		66 (LHD 3S-FE)
		86 (RHD 3S-FE)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2		
IF1	114 (LHD)	
IF2		

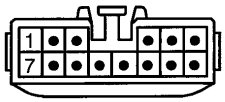
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	124 (RHD 3S-FE)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	124 (RHD 3S-FE)	
EC	104 (LHD 3S-FE)	Behind the Intake Manifold
	124 (RHD 3S-FE)	
ED	104 (LHD 3S-FE)	Engine Block Left Side
	124 (RHD 3S-FE)	
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	
	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

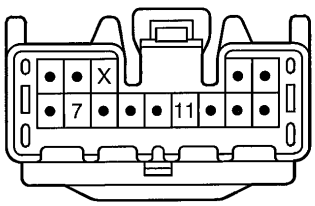
○ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	I7	116 (LHD)	Cowl Wire
	124 (RHD 3S-FE)		I12	134 (RHD)	
I3	134 (RHD)	Engine Wire	I13	134 (RHD)	
I6	116 (LHD)	Cowl Wire	I17	116 (LHD)	Engine Wire

A13 (A) BLACK



A15 (B) ORANGE



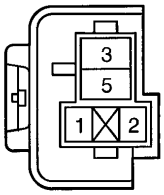
C1 BLACK



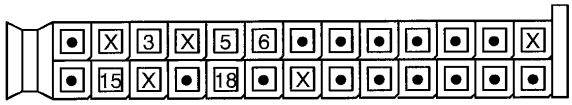
C3 BLACK



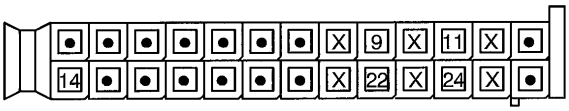
C9



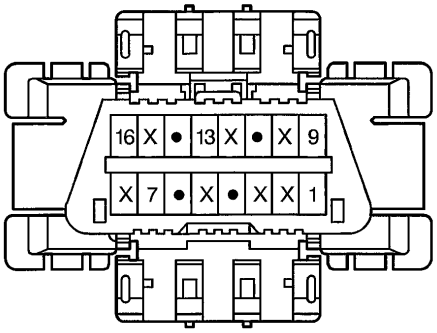
C10 (A) BLACK



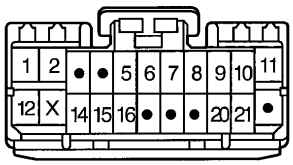
C11 (B) GREEN



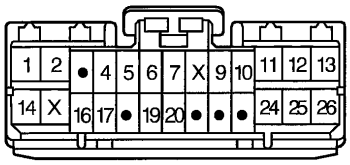
D8



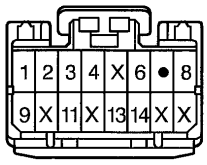
E6 (A)



E7 (B)



E8 (C)



F22 (A)



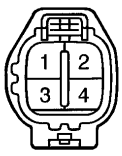
F23 (B)



F27 DARK GRAY



H8 DARK GRAY



I2 GRAY



I3 BLACK



I7 BROWN



I8 GRAY



I9 BROWN



I10 GRAY



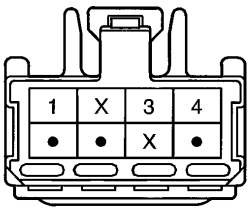
I11 BLACK



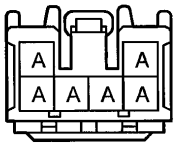
I12 GRAY



I13

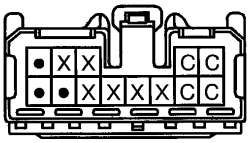


J1



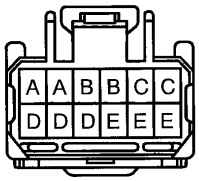
(Hint : See Page 7, 23, 39)

J4 BLUE



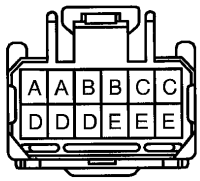
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



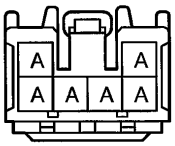
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



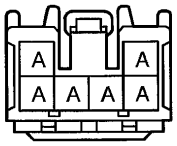
(Hint : See Page 7, 23, 39)

J9



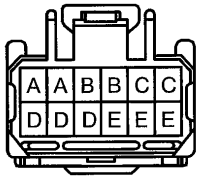
(Hint : See Page 7, 23, 39)

J20



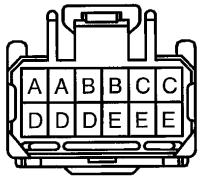
(Hint : See Page 7, 23, 39)

J21 (A) BLACK



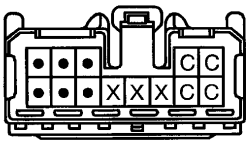
(Hint : See Page 7, 23, 39)

J22 (B) BLACK



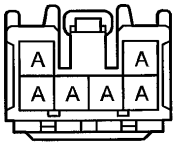
(Hint : See Page 7, 23, 39)

J23 BLUE



(Hint : See Page 7, 23, 39)

J27

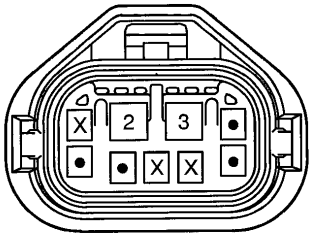


(Hint : See Page 7, 23, 39)

K1 DARK GRAY



N1 GRAY



P1 BLACK



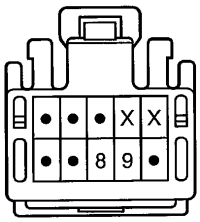
S3 BLACK



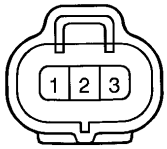
T2 BLACK



T6



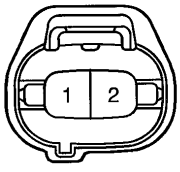
V1 BLACK



V2 BLACK



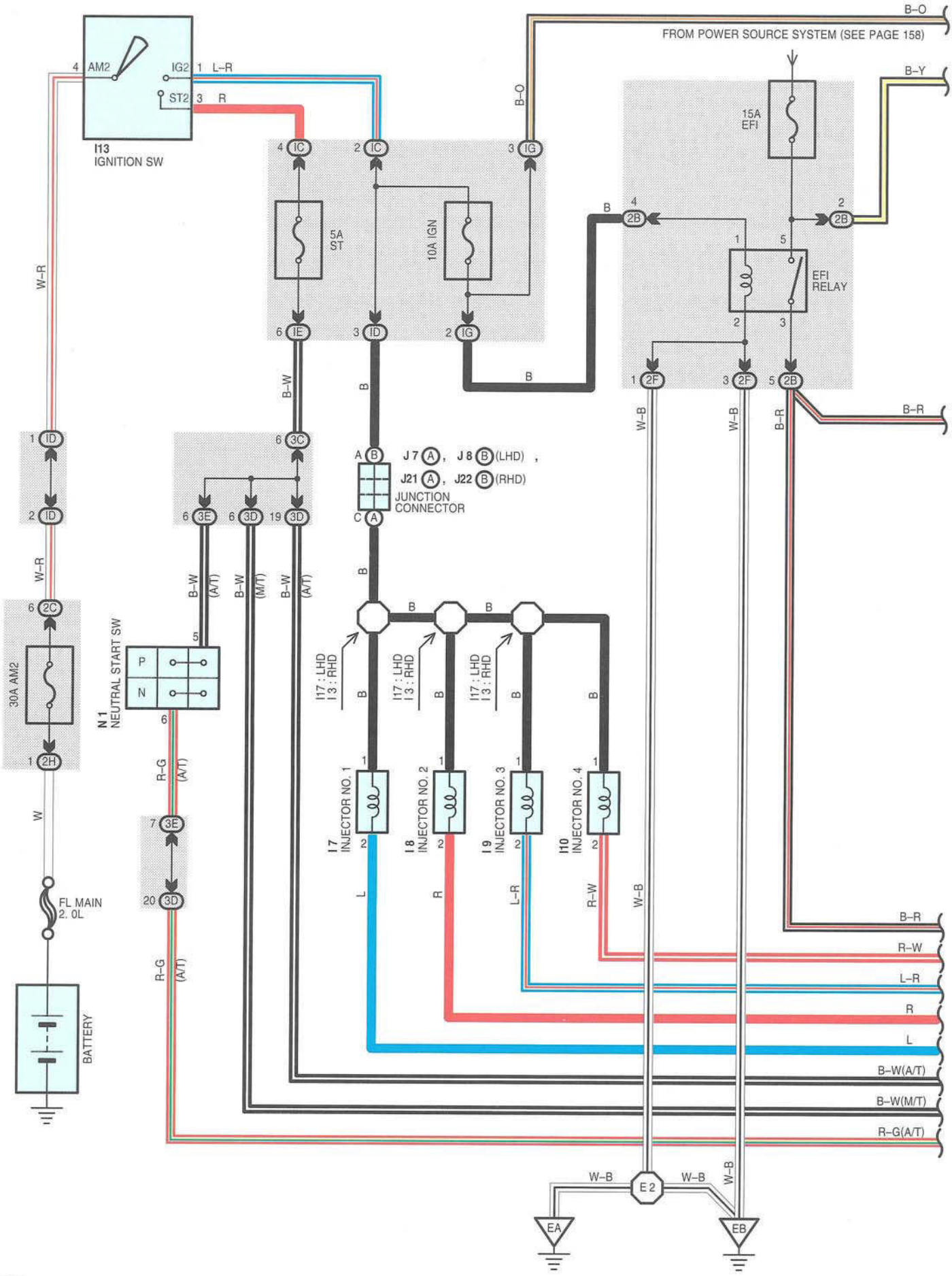
V5 BLUE

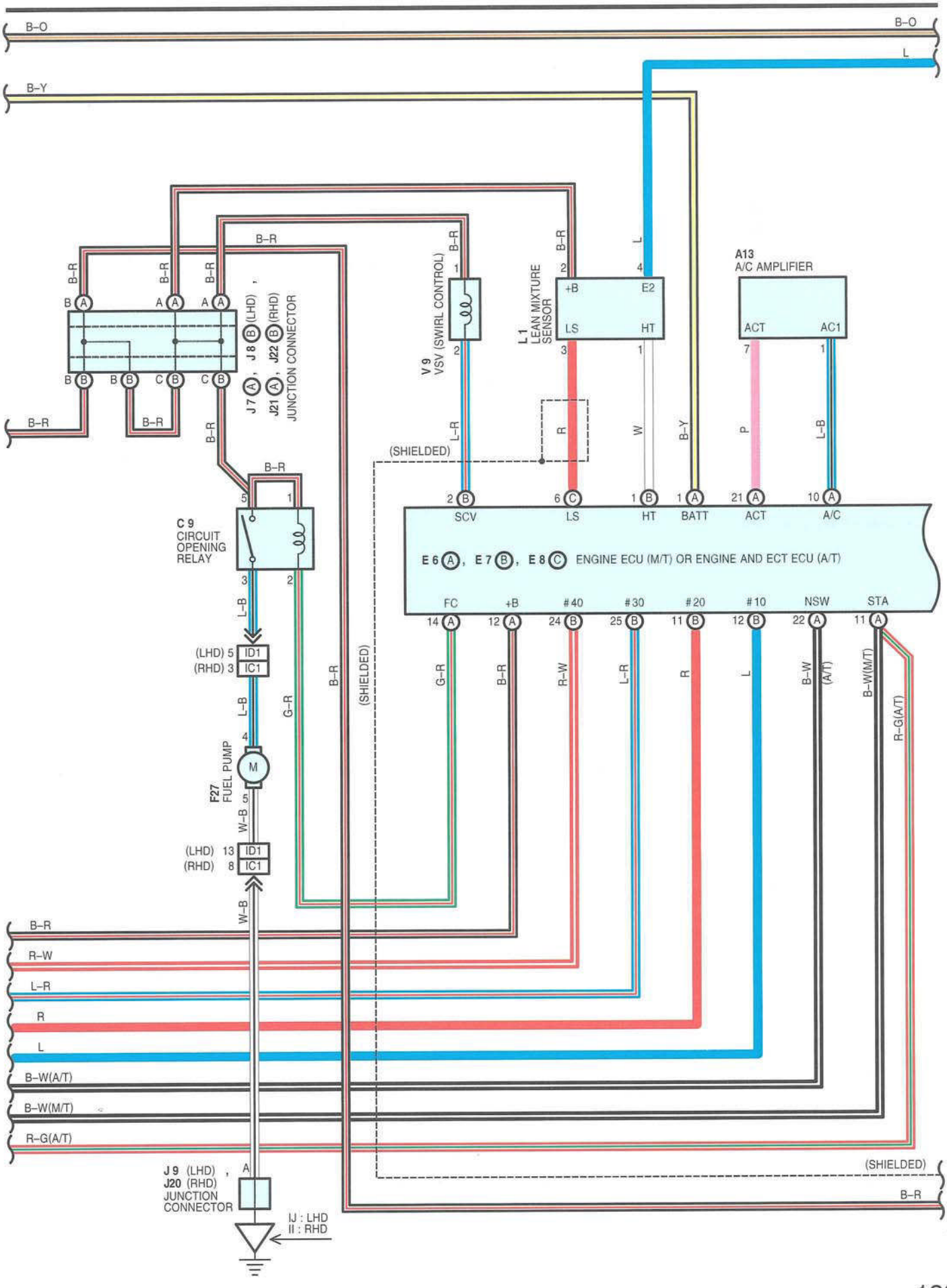


W2 DARK GRAY

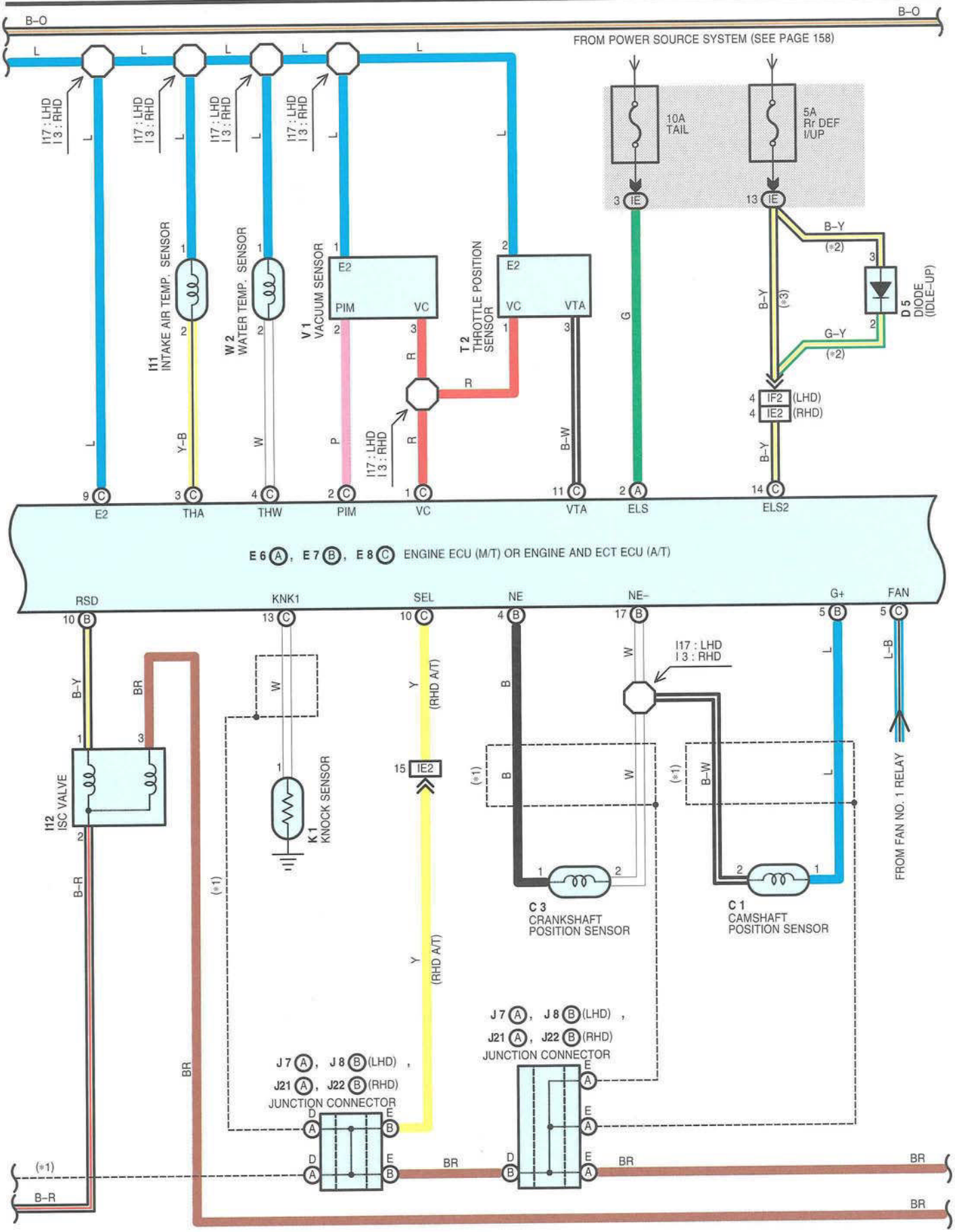


ENGINE CONTROL (7A-FE, 4A-FE LEAN BURN TYPE)

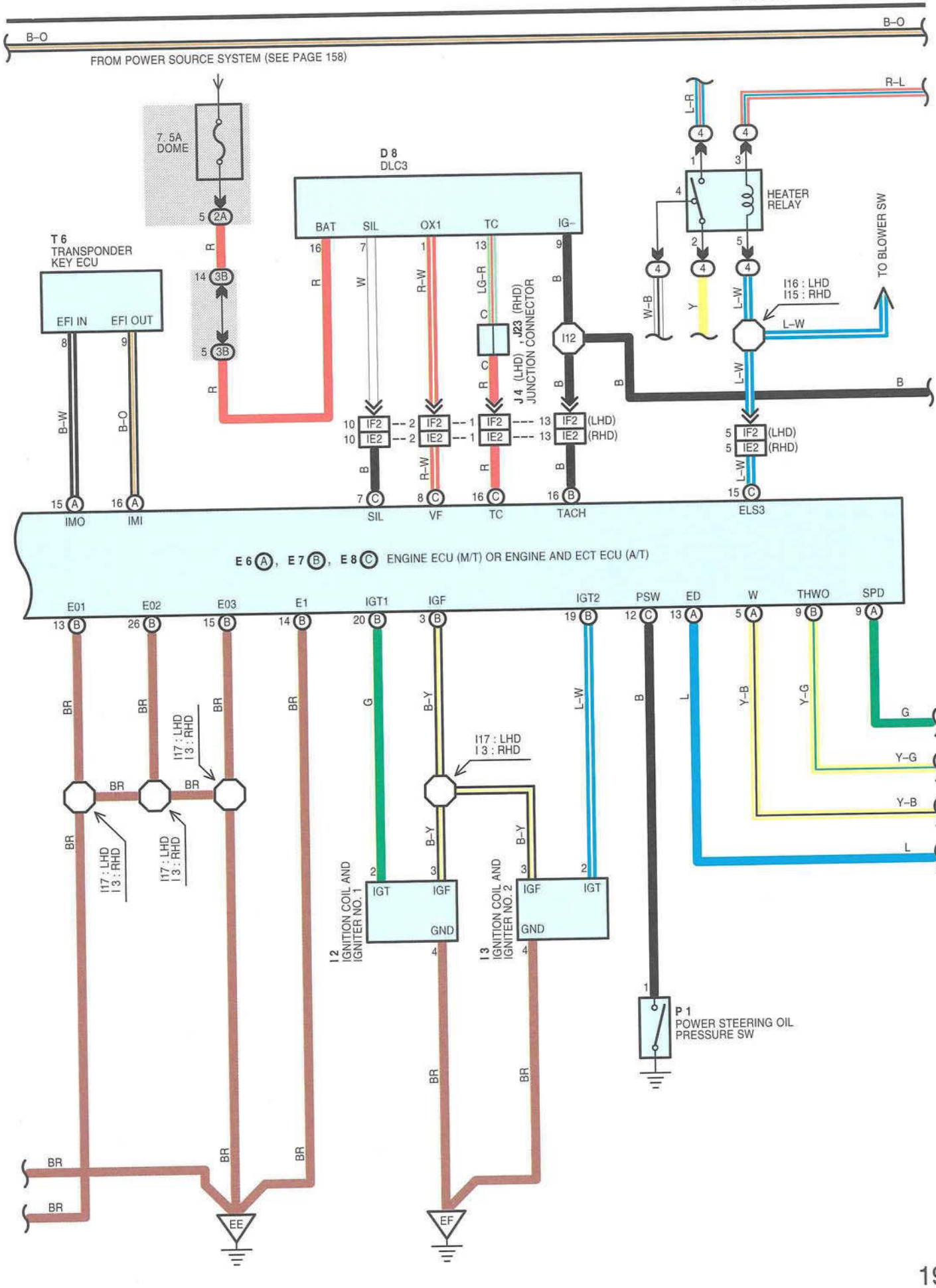



B–O
B–O
L
B–Y
B–R
J7 (A), J21 (A), J8 (B) (LHD), J22 (B) (RHD) JUNCTION CONNECTOR
V9 VSV (SWIRL CONTROL)
L1 LEAN MIXTURE SENSOR
+B
E2
LS
HT
A13 A/C AMPLIFIER
ACT
AC1
(SHIELDED)
C9 CIRCUIT OPENING RELAY
SCV
LS
HT
BATT
ACT
A/C
E6 (A), E7 (B), E8 (C) ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
FC
+B
#40
#30
#20
#10
NSW
STA
(LHD) ID1
(RHD) IC1
F27 FUEL PUMP
M
W–B
G–R
L–B
L–R
R–W
B–W
B–W(M/T)
R–G(A/T)
(A/T)
J9 (LHD), J20 (RHD) JUNCTION CONNECTOR
IJ : LHD
II : RHD

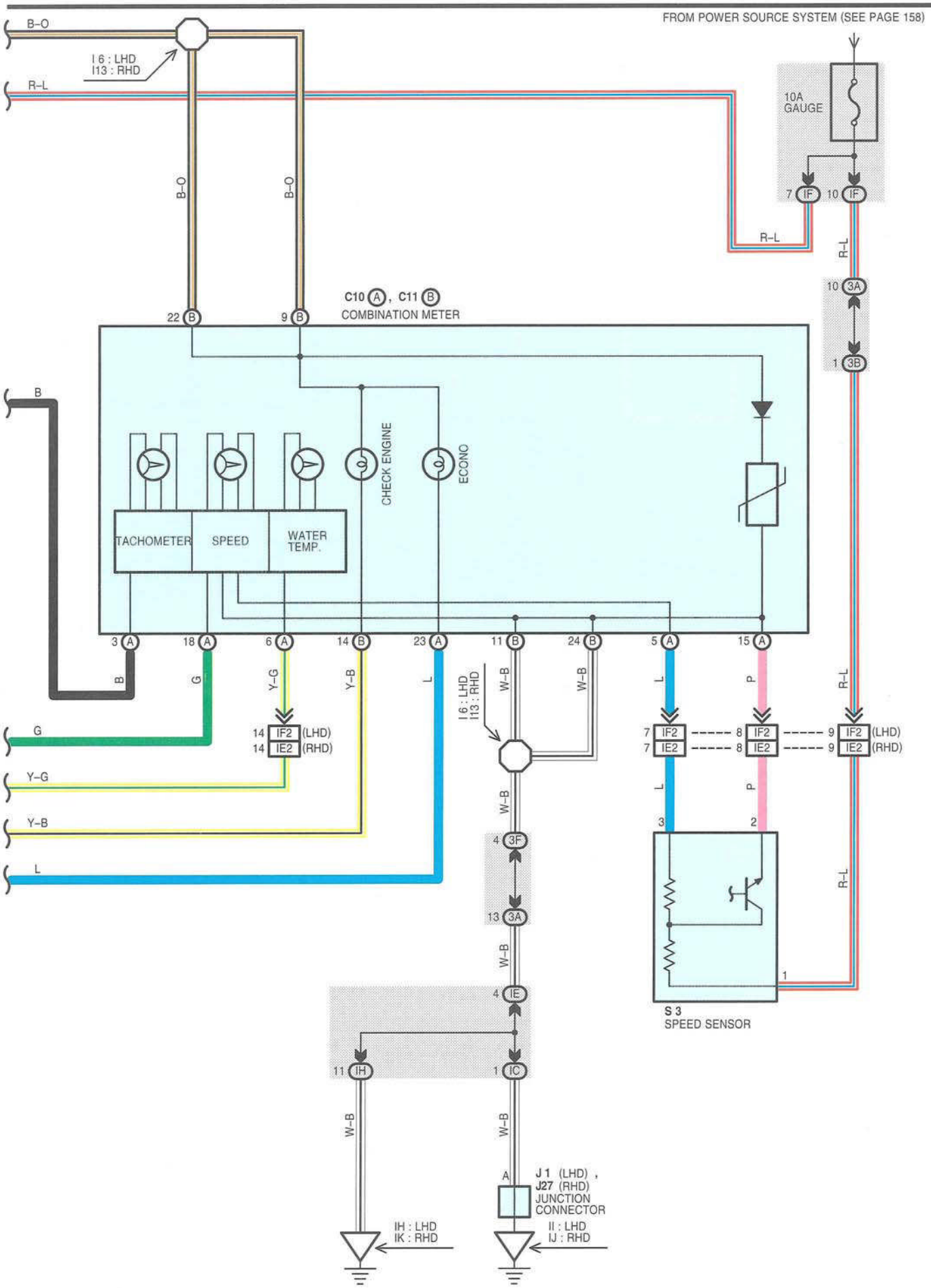
ENGINE CONTROL (7A-FE, 4A-FE LEAN BURN TYPE)



* 1 : SHIELDED
* 2 : W/ FRONT WINDOW DEICER
* 3 : W/O FRONT WINDOW DEICER



ENGINE CONTROL (7A-FE, 4A-FE LEAN BURN TYPE)



SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, transaxle, etc. an outline of is given here.

1. INPUT SIGNALS

(1) Engine coolant temp. signal system

The water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance which varies according to the water temp. Thus the water temp. is input in the form of a control signal to **TERMINAL THW** of the ECU.

(2) Intake air temp. signal system

The intake air temp. sensor is detects the intake air temp., which is input as a control signal to **TERMINAL THA** of the ECU.

(3) RPM signal system

Crankshaft position is detected by the crankshaft position sensor. Crankshaft position is input as a control signal to **TERMINAL NE** of the ECU.

(4) Throttle signal system

The throttle position sensor detects the throttle valve opening angle, which is input as a control signal to **TERMINAL VTA** of the ECU.

(5) Vehicle speed signal system

The speed sensor detects the vehicle speed and input a control signal to **TERMINAL SPD** of the ECU via the combination meter.

(6) A/C SW signal system

The operating voltage of the A/C amplifier is detected and input in the form of a control signal to **TERMINAL A/C** of the ECU.

(7) Battery signal system

Voltage is constantly applied to **TERMINAL BATT** of the ECU. When the ignition SW is turned to on, voltage for ECU operation is applied via the EFI relay to **TERMINAL +B** of the ECU.

(8) Intake air vacuum signal system

Intake air vacuum is detected by the vacuum sensor and is input as a control signal to **TERMINAL PIM** of the ECU.

(9) STA signal system

To confirm that the engine is cranking, the voltage applied to the starter motor during cranking is detected and is input as a control signal to **TERMINAL STA** of the ECU.

(10) Engine knock signal system

Engine knocking is detected by the knock sensor and input as a control signal to **TERMINAL KNK1** of the ECU.

(11) Electrical load signal system

The signal when systems such as the rear window defogger, taillight. Which cause a high electrical burden are on is input to **TERMINALS ELS** and **ELS2** as a control signal.

2. CONTROL SYSTEM

* EFI system
The EFI system monitors the engine conditions through the signals each sensor (Input signals (1) to (11)) input to the ECU. Based on this data and the program memorized in the ECU, the most appropriate fuel injection timing is decided and current is output to **TERMINALS #10**, **#20**, **#30** and **#40** of the ECU, causing the injectors to operate it (to inject fuel). It is this system which, through the work of the ECU, finely controls fuel injection response to driving conditions.
During engine cranking (Signal input to **TERMINAL STA**) or for approx. **2** seconds after the signal input, ECU operation energizes (Point closed) the fuel pump circuit inside the circuit opening relay, causing the fuel pump to operate.

* ESA system
The ESA system monitors the engine conditions using the signals (Input signals (1, 3, 4, 5, 6, 8, 10, 11)) input to the ECU from each sensor. Based on this data and the program memorized in the ECU, the most appropriate ignition timing is decided and current is output to **TERMINALS IGT1**, **IGT2** of the ECU. This output controls the igniter to produce the most appropriate ignition timing for the driving conditions.

* A/C cut control system
When the vehicle suddenly accelerates from low engine speed, this system cuts off air conditioner operation for a fixed period of time in response to the vehicle speed, throttle valve opening angle and intake manifold pressure in order to maintain acceleration performance.
Air conditioner operation is also cut off when the engine speed drops below **500** rpm during idling, thus preventing engine stalling.
The ECU receives (Input signals (3, 4, 5, 6 and 8)), and outputs signals to **TERMINAL ACT**.

* ISC system
The ISC system increases the RPM and provides idle stability for fast idle-up when the engine is cold, and when the idle speed has dropped due to electrical load and so on, the ECU evaluates the signals from each sensor (Input signals from 1, 3, 4, 5, 6, 7, 9, 11), current output to **TERMINAL RSD** to control ISC valve.

* Lean mixture sensor control
The ECU controls operation of the lean mixture sensor according to the **THROTTLE** position, intake manifold pressure, engine speed and coolant temperature signals. (Input signals 1, 3, 4, 8)

3. DIAGNOSIS SYSTEM

With the diagnosis system, when there is a malfunctioning in the ECU signal system,the malfunction system is recorded in the memory. The malfunctioning system can be found by reading the display (Code) of the check engine warning light.

4. FAIL-SAFE SYSTEM

When a malfunction occurs in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the ECU memory or else stops the engine.

SERVICE HINTS

E6 (A), E7 (B), E8 (C) ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)

Voltage at ECU wiring connectors

BATT-GROUND : Always **9-14** volts
+B-GROUND : **9-14** volts (Ignition SW at **ON** position)
VC-GROUND : **4.5-5.5** volts (Ignition SW at **ON** position)
VTA-GROUND : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve fully open)
PIM-GROUND : **3.3-3.9** volts (Ignition SW at **ON** position)
THA-GROUND : **0.5-3.4** volts (Engine idling and intake air temp. **0-80**°C, **32-176**°F)
THW-GROUND : **0.2-1.0** volts (Engine idling and engine coolant temp. **60-120**°C, **140-248**°F)
STA-GROUND : **6-14** volts (Engine cranking)
IGT1, IGT2-GROUND : Pulse generation (Engine idling)
IGF-GROUND : Pulse generation (Engine idling)
FC-GROUND : **9-14** volts (Ignition SW on and engine stopping)
0-3 volts (Engine idling)
W-GROUND : **9-14** volts (Engine idling and warning light off)
A/C-GROUND : **9-14** volts (Ignition SW on and A/C SW off)
ACT-GROUND : **4.5-5.5** volts (Ignition SW on and A/C SW on)
SPD-GROUND : Pulse generation (Driving approx. **20** km/h)
ELS-GROUND : **7.5-14** volts (Ignition SW on and taillight on)
ELS2-GROUND : **7.5-14** volts (Ignition SW on and rear window defogger on)
NSW-GROUND : **0-3** volts (Engine idling)
#10, #20, #30, #40-GROUND : Pulse generation (Engine idling)
NE -NE- : Pulse generation (Engine idling)
RSD-GROUND : Pulse generation (Engine idling)

C9 CIRCUIT OPENING RELAY

5-3 : Closed with the starter cranking and the engine running

EFI RELAY

5-3 : Closed with the ignition SW at **ON** or **ST** position

W2 WATER TEMP. SENSOR

1-2 : Approx. **14.96** kΩ (**-20**°C, **-4**°F)
Approx. **5.65** kΩ (**0**°C, **32**°F)
Approx. **2.44** kΩ (**20**°C, **68**°F)
Approx. **0.3143** kΩ (**80**°C, **176**°F)

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A13	76 (LHD)	F27	100 (RHD L/B)	J21 A	96 (RHD)
	94 (RHD)		102 (RHD W/G)	J22 B	96 (RHD)
C1	68 (LHD *A)	I2	68 (LHD *A)	J23	96 (RHD)
	88 (RHD *A)		88 (RHD *A)	J27	96 (RHD)
C3	68 (LHD *A)	I3	68 (LHD *A)	K1	68 (LHD *A)
	88 (RHD *A)		88 (RHD *A)		88 (RHD *A)
C9	76 (LHD)	I7	68 (LHD *A)	L1	68 (LHD *A)
	94 (RHD)		88 (RHD *A)		88 (RHD *A)
C10 A	76 (LHD)	I8	68 (LHD *A)	N1	68 (LHD *A)
	94 (RHD)		88 (RHD *A)		88 (RHD *A)
C11 B	76 (LHD)	I9	68 (LHD *A)	P1	68 (LHD *A)
	94 (RHD)		88 (RHD *A)		88 (RHD *A)
D5	76 (LHD)	I10	68 (LHD *A)	S3	68 (LHD *A)
	94 (RHD)		88 (RHD *A)		88 (RHD *A)
D8	76 (LHD)	I11	68 (LHD *A)	T2	68 (LHD *A)
	94 (RHD)		88 (RHD *A)		88 (RHD *A)
E6 A	76 (LHD)	I12	68 (LHD *A)	T6	78 (LHD)
	94 (RHD)		88 (RHD *A)		96 (RHD)
E7 B	76 (LHD)	I13	78 (LHD)	V1	68 (LHD *A)
	94 (RHD)		96 (RHD)		88 (RHD *A)
E8 C	76 (LHD)	J1	78 (LHD)	V9	68 (LHD *A)
	94 (RHD)	J4	78 (LHD)		88 (RHD *A)
F27	80 (LHD S/D)	J7 A	78 (LHD)	W2	68 (LHD *A)
	82 (LHD L/B)	J8 B	78 (LHD)		88 (RHD *A)
	84 (LHD W/G)	J9	78 (LHD)		
	98 (RHD S/D)	J20	96 (RHD)		

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	53	R/B No.4 (Passenger Side Dash Panel)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

* A : 7A-FE, 4A-FE Lean Burn Type

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	114 (LHD)	

: GROUND POINTS

Code	See Page	Ground Points Location
EA	106 (LHD *A)	Under the Headlight RH
	126 (RHD *A)	
EB	106 (LHD *A)	Under the Headlight LH
	126 (RHD *A)	
EE	106 (LHD *A)	Under the Intake Manifold
	126 (RHD *A)	
EF	106 (LHD *A)	Near the Throttle Body
	126 (RHD *A)	
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	
	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

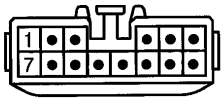
ENGINE CONTROL (7A-FE, 4A-FE LEAN BURN TYPE)

: SPLICE POINTS

* A : 7A-FE, 4A-FE Lean Burn Type

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	106 (LHD *A)	Engine Room Main Wire	I12	134 (RHD)	Cowl Wire
	126 (RHD *A)		I13		
I3	134 (RHD)	Engine Wire	I15	134 (RHD)	Instrument Panel Wire
I6	116 (LHD)	Cowl Wire	I16	116 (LHD)	Cowl Wire
I12			I17	116 (LHD)	Engine Wire

A13 BLACK



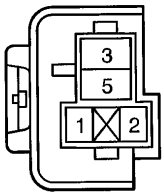
C1 BLACK



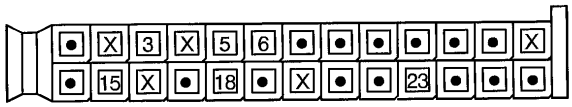
C3 DARK GRAY



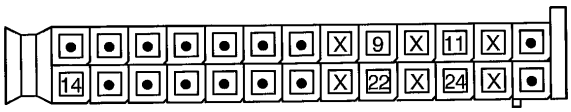
C9



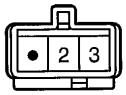
C10 (A) BLACK



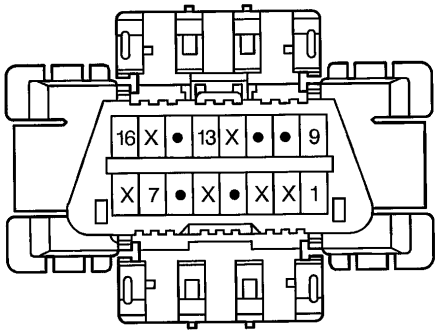
C11 (B) GRAY



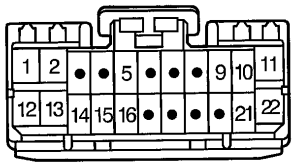
D5 ORANGE



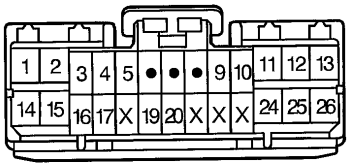
D8



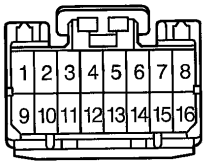
E6 (A)



E7 (B)



E8 (C)



F27 DARK GRAY



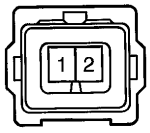
I2 GRAY



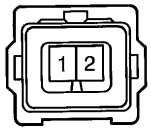
I3 BLACK



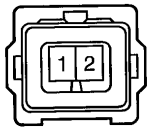
I7 BLACK



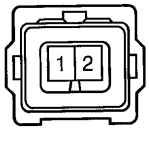
I8 BLACK



I9 BLACK



I10 BLACK



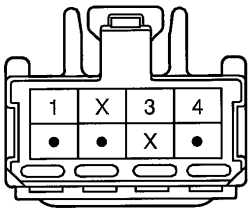
I11 BLACK



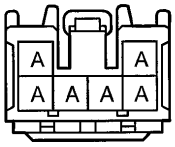
I12 GRAY



I13

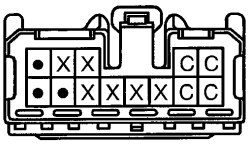


J1



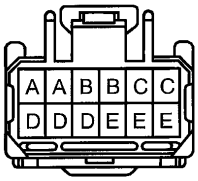
(Hint : See Page 7, 23, 39)

J4 BLUE



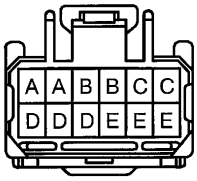
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



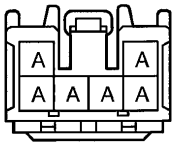
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



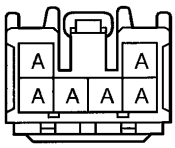
(Hint : See Page 7, 23, 39)

J9



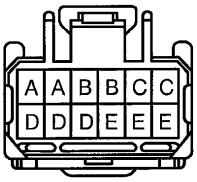
(Hint : See Page 7, 23, 39)

J20



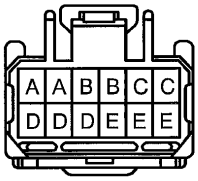
(Hint : See Page 7, 23, 39)

J21 (A) BLACK



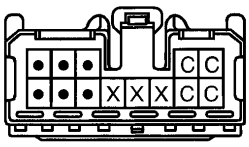
(Hint : See Page 7, 23, 39)

J22 (B) BLACK



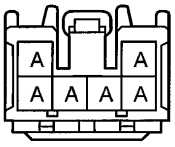
(Hint : See Page 7, 23, 39)

J23 BLUE



(Hint : See Page 7, 23, 39)

J27

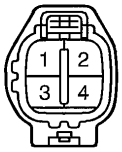


(Hint : See Page 7, 23, 39)

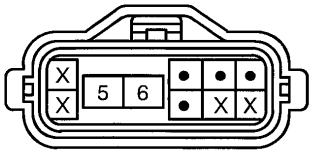
K1 DARK GRAY



L1 DARK GARY



N1 GRAY



P1 BLACK



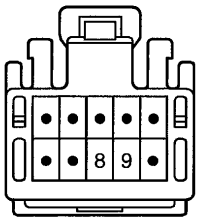
S3 BLACK



T2 BLACK



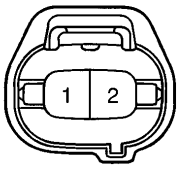
T6



V1 BLACK



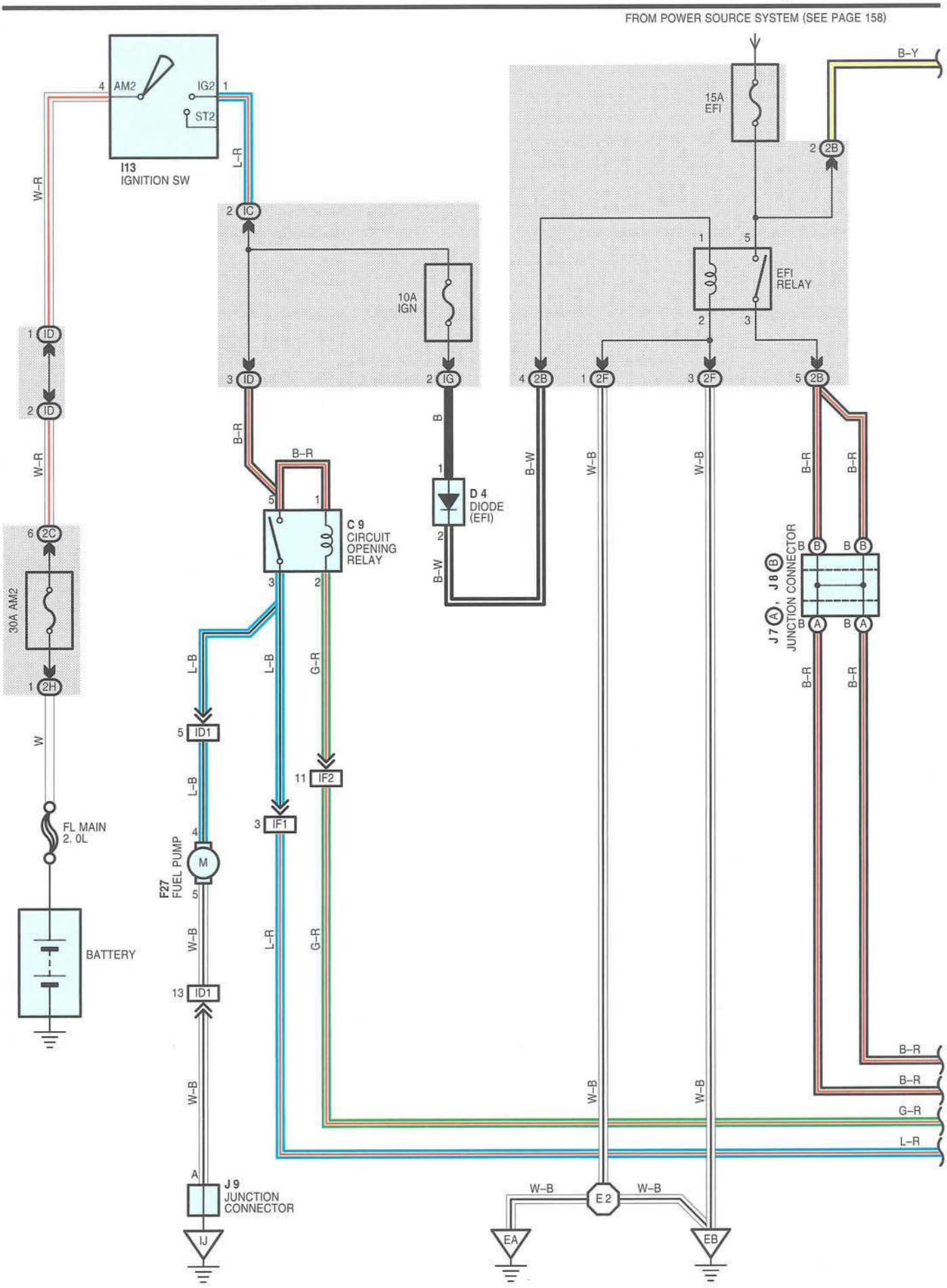
V9 BROWN

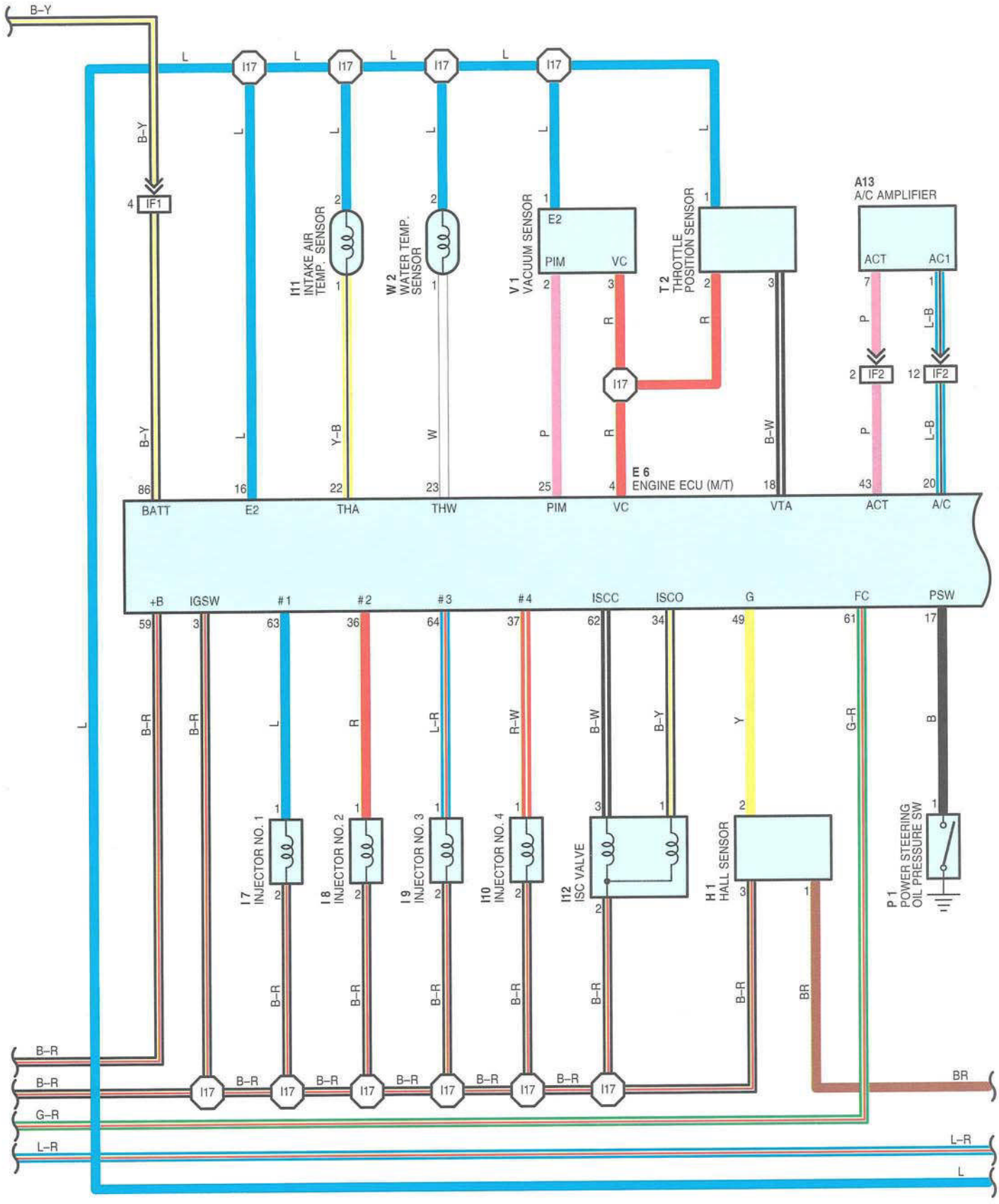


W2 DARK GRAY

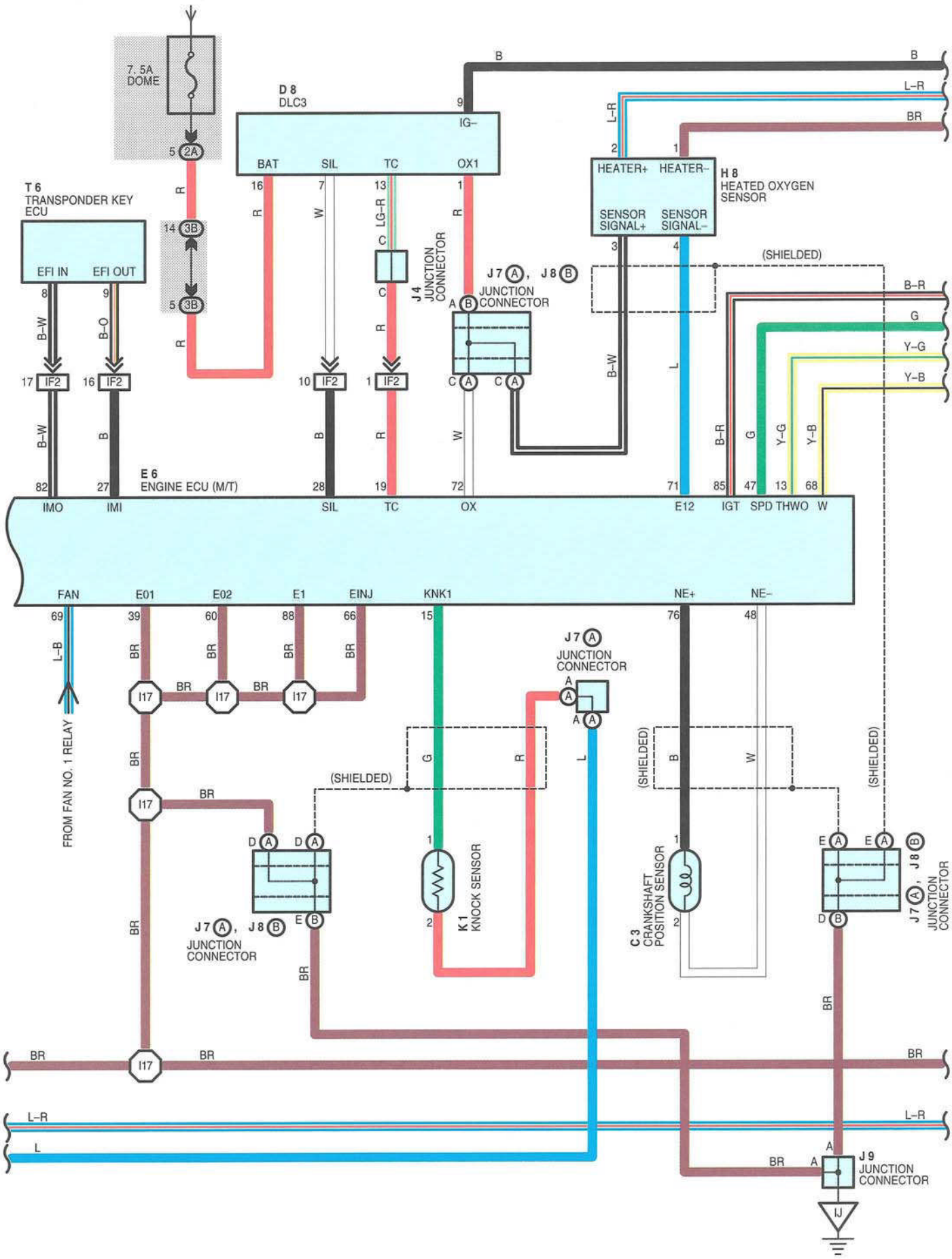


ENGINE CONTROL (4A-FE EUROPE STOICHIOMETRIC TYPE)

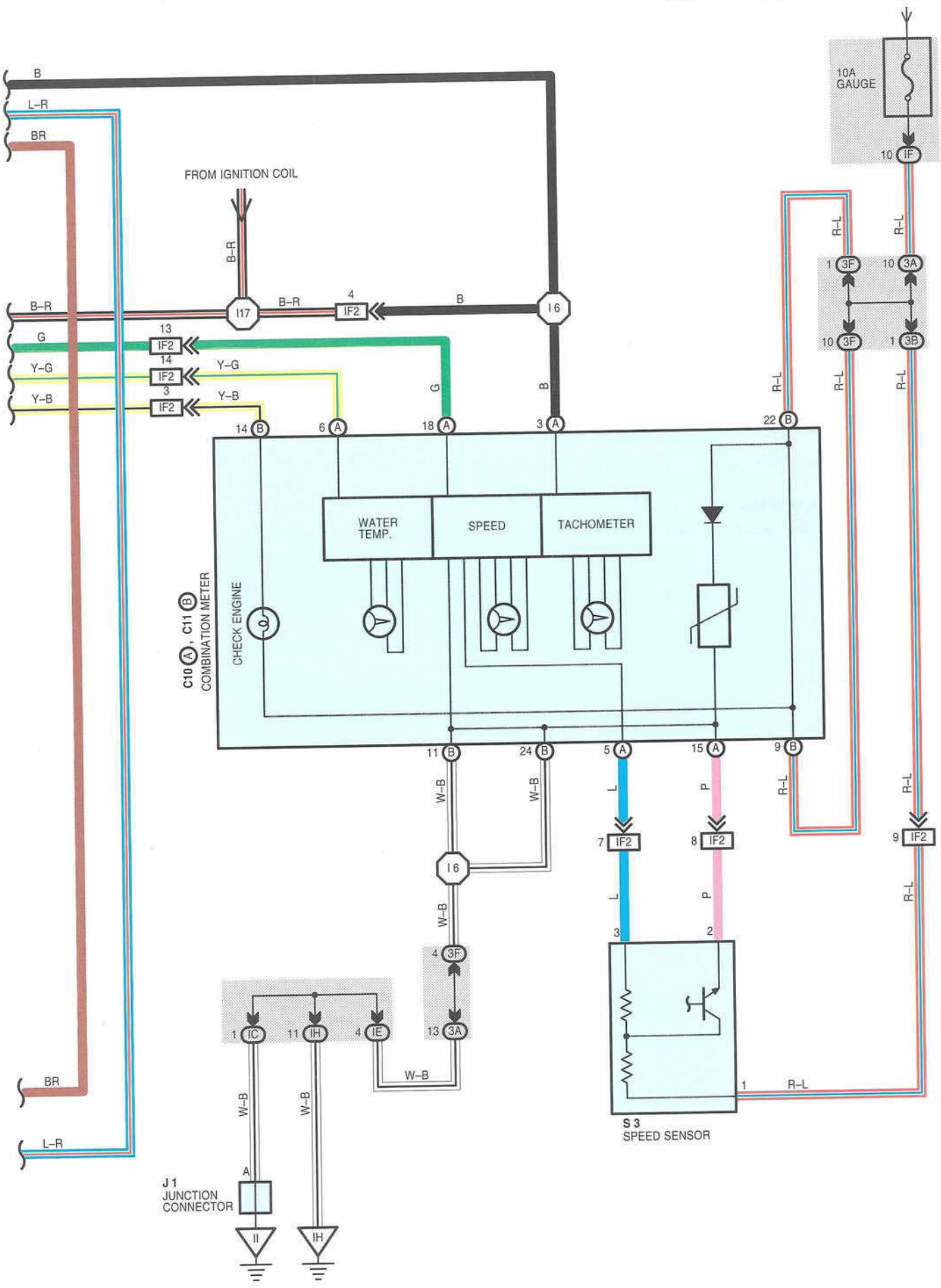



B-Y
I17
IF1
I11 INTAKE AIR TEMP. SENSOR
W 2 WATER TEMP. SENSOR
V 1 VACUUM SENSOR
T 2 THROTTLE POSITION SENSOR
A13 A/C AMPLIFIER
ACT
AC1
IF2
E 6 ENGINE ECU (M/T)
BATT
E2
THA
THW
PIM
VC
VTA
ACT
A/C
+B
IGSW
#1
#2
#3
#4
ISCC
ISCO
G
FC
PSW
I7 INJECTOR NO. 1
I8 INJECTOR NO. 2
I9 INJECTOR NO. 3
I10 INJECTOR NO. 4
I12 ISC VALVE
H 1 HALL SENSOR
P 1 POWER STEERING OIL PRESSURE SW
B-R
G-R
L-R
L
BR

ENGINE CONTROL (4A-FE EUROPE STOICHIOMETRIC TYPE)



FROM POWER SOURCE SYSTEM (SEE PAGE 158)



ENGINE CONTROL (4A-FE EUROPE STOICHIOMETRIC TYPE)

SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, etc. an outline of is given here.

1. INPUT SIGNALS

(1) Engine coolant temp. signal system
The water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance which varies according to the water temp. Thus the water temp. is input in the form of a control signal to **TERMINAL THW** of the ECU.

(2) Intake air temp. signal system
The intake air temp. sensor is detects the intake air temp., which is input as a control signal to **TERMINAL THA** of the ECU.

(3) RPM signal system
Crankshaft positions detected by the crankshaft position sensor. Crankshaft position is input as a control signal to **TERMINAL NE+** of the ECU.

(4) Throttle signal system
The throttle position sensor detects the throttle valve opening angle, which is input as a control signal to **TERMINAL VTA** of the ECU.

(5) Vehicle speed signal system
The speed sensor detects the vehicle speed and input a control signal to **TERMINAL SPD** of the ECU via the combination meter.

(6) A/C SW signal system
The operating voltage of the A/C amplifier is detected and input in the form of a control signal to **TERMINAL A/C** of the ECU.

(7) Battery signal system
Voltage is constantly applied to **TERMINAL BATT** of the ECU. When the ignition SW is turned to on, voltage for ECU operation is applied via the EFI relay to **TERMINAL +B** of the ECU.

(8) Intake air vacuum signal system
Intake air vacuum is detected by the vacuum sensor and is input as a control signal to **TERMINAL PIM** of the ECU.

(9) Oxygen sensor signal system
The oxygen density in the exhaust emissions is detected and input as a control signal to **TERMINAL OX** of the ECU.

(10) Engine knock signal system
Engine knocking is detected by the knock sensor and input as a control signal to **TERMINAL KNK1** of the ECU.

2. CONTROL SYSTEM

* EFI system
  The EFI system monitors the engine conditions through the signals each sensor (Input signals (1) to (10)) input to the ECU. Based on this data and the program memorized in the ECU, the most appropriate fuel injection timing is decided and current is output to **TERMINALS #1**, **#2**, **#3** and **#4** of the ECU, causing the injectors to operate it (to inject fuel). It is this system which, through the work of the ECU, finely controls fuel injection response to driving conditions.
* A/C cut control system
  When the vehicle suddenly accelerates from low engine speed, this system cuts off air conditioner operation for a fixed period of time in response to the vehicle speed, throttle valve opening angle and intake manifold pressure in order to maintain acceleration performance.
  Air conditioner operation is also cut off when the engine speed drops below **500** rpm during idling, thus preventing engine stalling.
  The ECU receives (Input signals (3, 4, 5, 6 and 8)), and outputs signals to **TERMINAL ACT**.
* Oxygen sensor heater control system
  The oxygen sensor heater is powered when the ignition SW is turned on.
* ISC system
  The ISC system (Step motor type) increases the RPM and provides idle stability for fast idle-up when the engine is cold, and when the idle speed has dropped due to electrical load and so on, the ECU evaluates the signals from each sensor (Input signals from 1, 3, 4, 6, 7), current is output to **TERMINALS ISCC** and **ISCO** to controls the ISC valve.

3. DIAGNOSIS SYSTEM

With the diagnosis system, when there is a malfunctioning in the ECU signal system,the malfunction system is recorded in the memory. The malfunctioning system can be found by reading the display (Code) of the check engine warning light.

4. FAIL-SAFE SYSTEM

When a malfunction occurs in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the ECU memory or else stops the engine.

ENGINE CONTROL (4A-FE EUROPE STOICHIOMETRIC TYPE)

SERVICE HINTS

E6 ENGINE ECU

Voltage at ECU wiring connectors

BATT-GROUND : Always **9-14** volts
+B-GROUND : **9-14** volts (Ignition SW at **ON** position)
VC-GROUND : **4.5-5.5** volts (Ignition SW at **ON** position)
VTA-GROUND : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve fully open)
PIM-GROUND : **3.3-3.9** volts (Ignition SW at **ON** position)
THA-GROUND : **0.5-3.4** volts (Engine idling and intake air temp. **0-80**°C, **32-176**°F)
THW-GROUND : **0.2-1.0** volts (Engine idling and engine coolant temp. **60-120**°C, **140-248**°F)
FC-GROUND : **9-14** volts (Ignition SW on and engine stopping)
0-3 volts (Engine idling)
W-GROUND : **9-14** volts (Engine idling and warning light off)
A/C-GROUND : **9-14** volts (Ignition SW on and A/C SW off)
ACT-GROUND : **4.5-5.5** volts (Ignition SW on and A/C SW on)
SPD-GROUND : Pulse generation (Driving approx. **20** km/h)
ISCO-GROUND : Pulse generation (Engine idling)
#1, #2, #3, #4-GROUND : Pulse generation (Engine idling)
NE+ -NE- : Pulse generation (Engine idling)

C9 CIRCUIT OPENING RELAY

5-3 : Closed with the starter cranking and the engine running

EFI RELAY

5-3 : Closed with the ignition SW at **ON** or **ST** position

W2 WATER TEMP. SENSOR

1-2 : Approx. **14.96** kΩ (**-20**°C, **-4**°F)
Approx. **5.65** kΩ (**0**°C, **32**°F)
Approx. **2.44** kΩ (**20**°C, **68**°F)
Approx. **0.3143** kΩ (**80**°C, **176**°F)

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A13	76 (LHD)	H1	70 (LHD *B)	J7 A	78 (LHD)
C3	70 (LHD *B)	H8	70 (LHD *B)	J8 B	78 (LHD)
C9	76 (LHD)	I7	70 (LHD *B)	J9	78 (LHD)
C10 A	76 (LHD)	I8	70 (LHD *B)	K1	70 (LHD *B)
C11 B	76 (LHD)	I9	70 (LHD *B)	P1	70 (LHD *B)
D4	76 (LHD)	I10	70 (LHD *B)	S3	70 (LHD *B)
D8	76 (LHD)	I11	70 (LHD *B)	T2	70 (LHD *B)
E6	76 (LHD)	I12	70 (LHD *B)	T6	78 (LHD)
F27	80 (LHD S/D)	I13	78 (LHD)	V1	70 (LHD *B)
	82 (LHD L/B)	J1	78 (LHD)	W2	70 (LHD *B)
	84 (LHD W/G)	J4	78 (LHD)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

* B : 4A-FE Stoichiometric Type

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3B		
3F	61 (LHD)	

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IF1	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2		

: GROUND POINTS

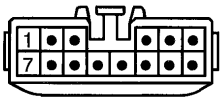
Code	See Page	Ground Points Location
EA	108 (LHD *B)	Under the Headlight RH
EB	108 (LHD *B)	Under the Headlight LH
IH	114 (LHD)	Left Kick Panel
II		
IJ	114 (LHD)	Right Kick Panel

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	108 (LHD *B)	Engine Room Main Wire	I17	116 (LHD)	Engine Wire
I6	116 (LHD)	Cowl Wire			

ENGINE CONTROL (4A-FE EUROPE STOICHIOMETRIC TYPE)

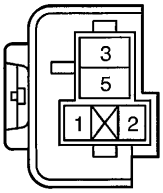
A13 BLACK



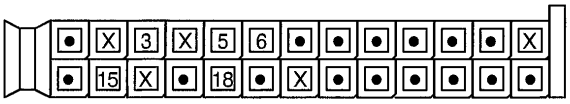
C3 DARK GARY



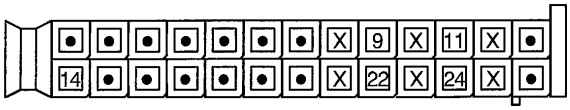
C9



C10 (A) BLACK



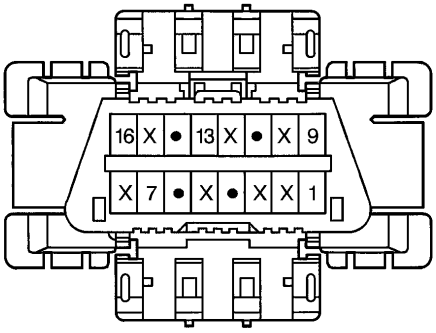
C11 (B) GREEN



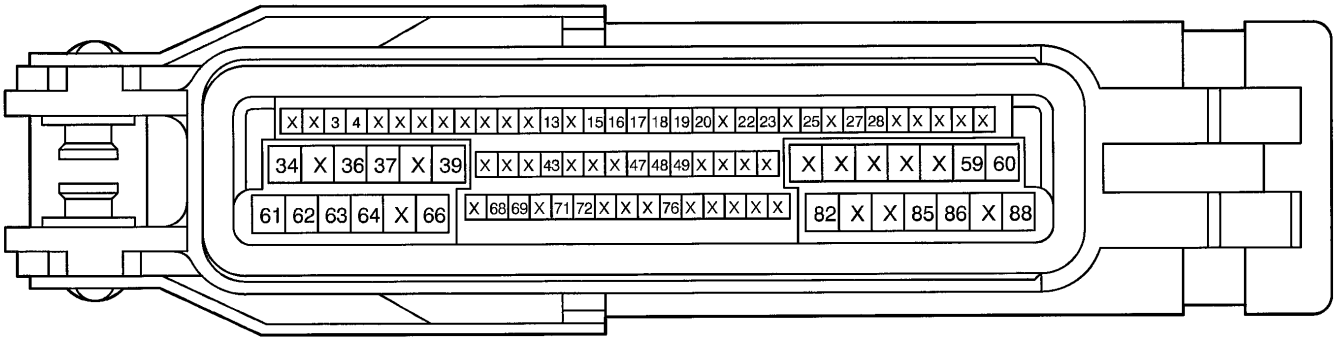
D4 BLACK



D8



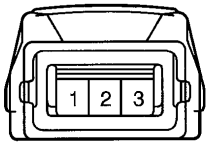
E6 BLACK



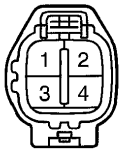
F27 DARK GRAY



H1 BLACK



H8 DARK GRAY



I7 BROWN



I8 GRAY



I9 BROWN



I10 GRAY



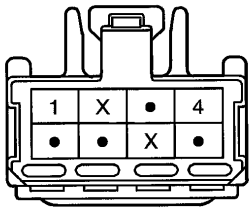
I11 BLACK



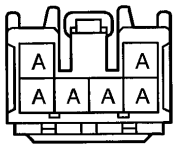
I12 GRAY



I13

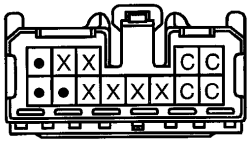


J1



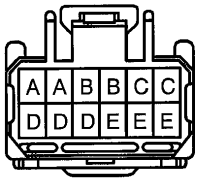
(Hint : See Page 7, 23, 39)

J4 BLUE



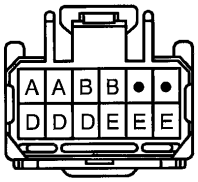
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



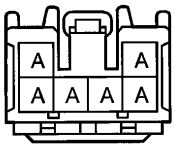
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



(Hint : See Page 7, 23, 39)

J9



(Hint : See Page 7, 23, 39)

K1 BLACK



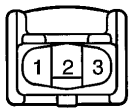
P1 BLACK



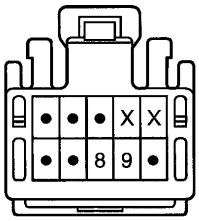
S3 BLACK



T2 BLACK



T6



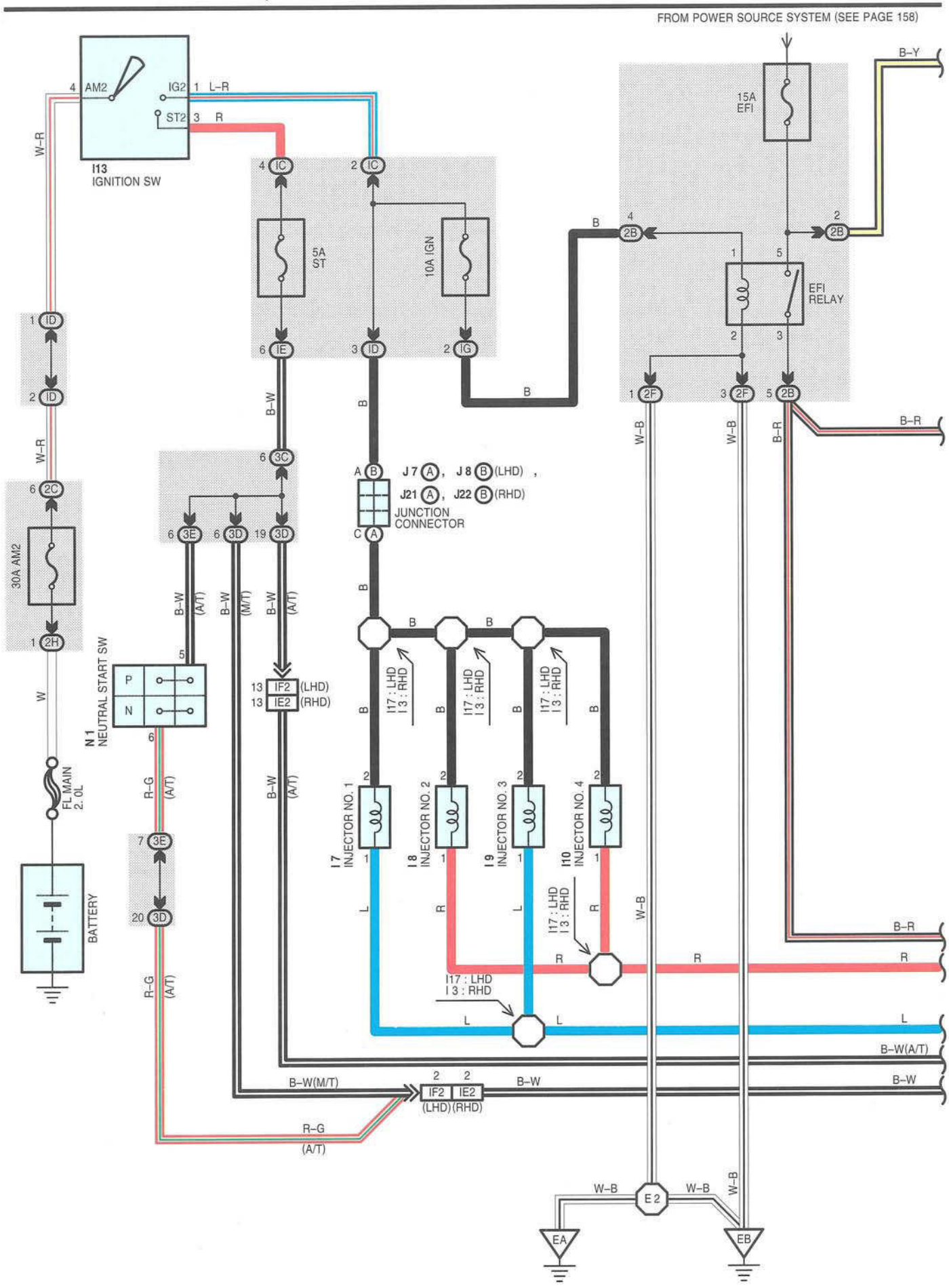
V1 BLACK

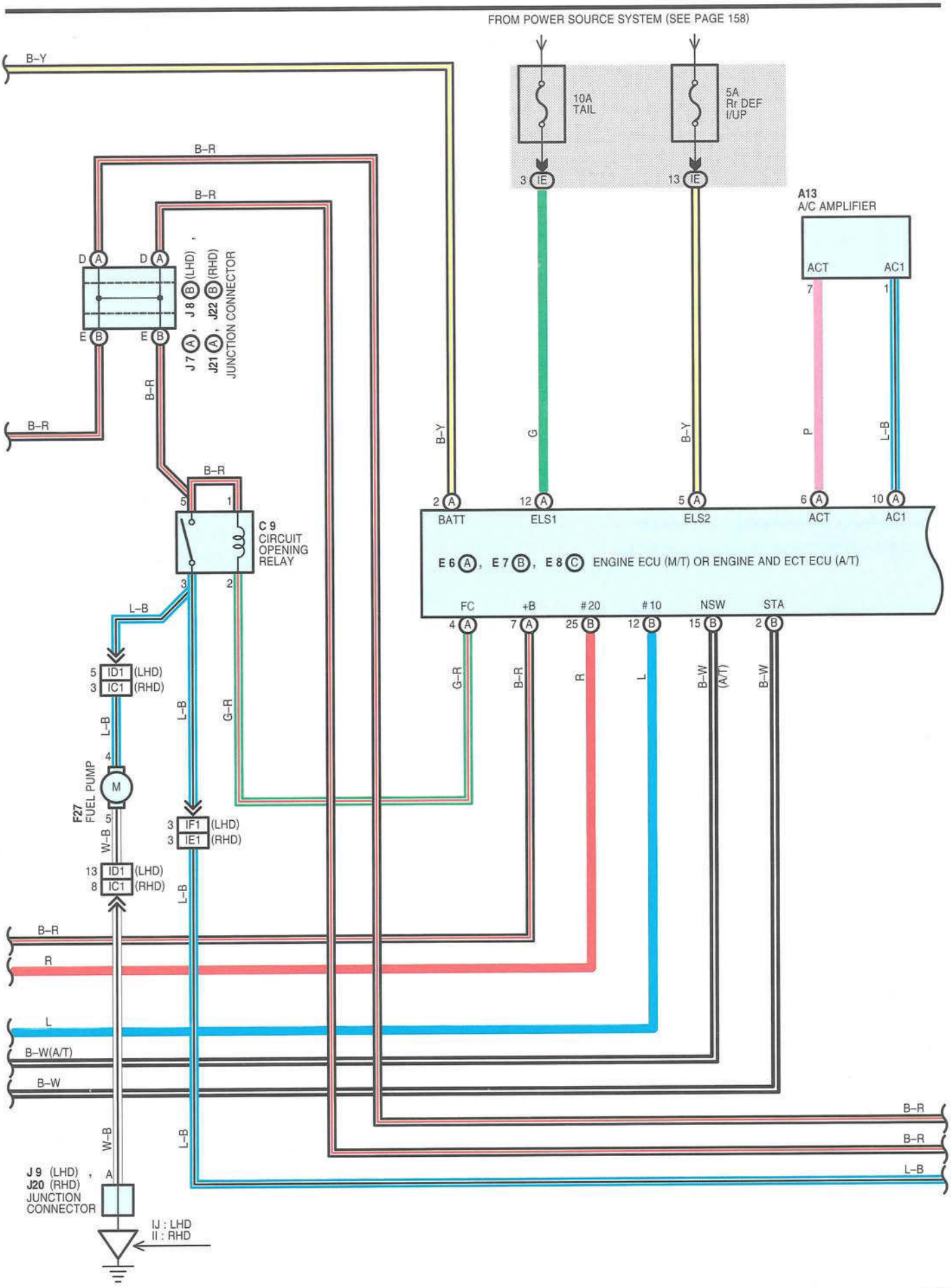


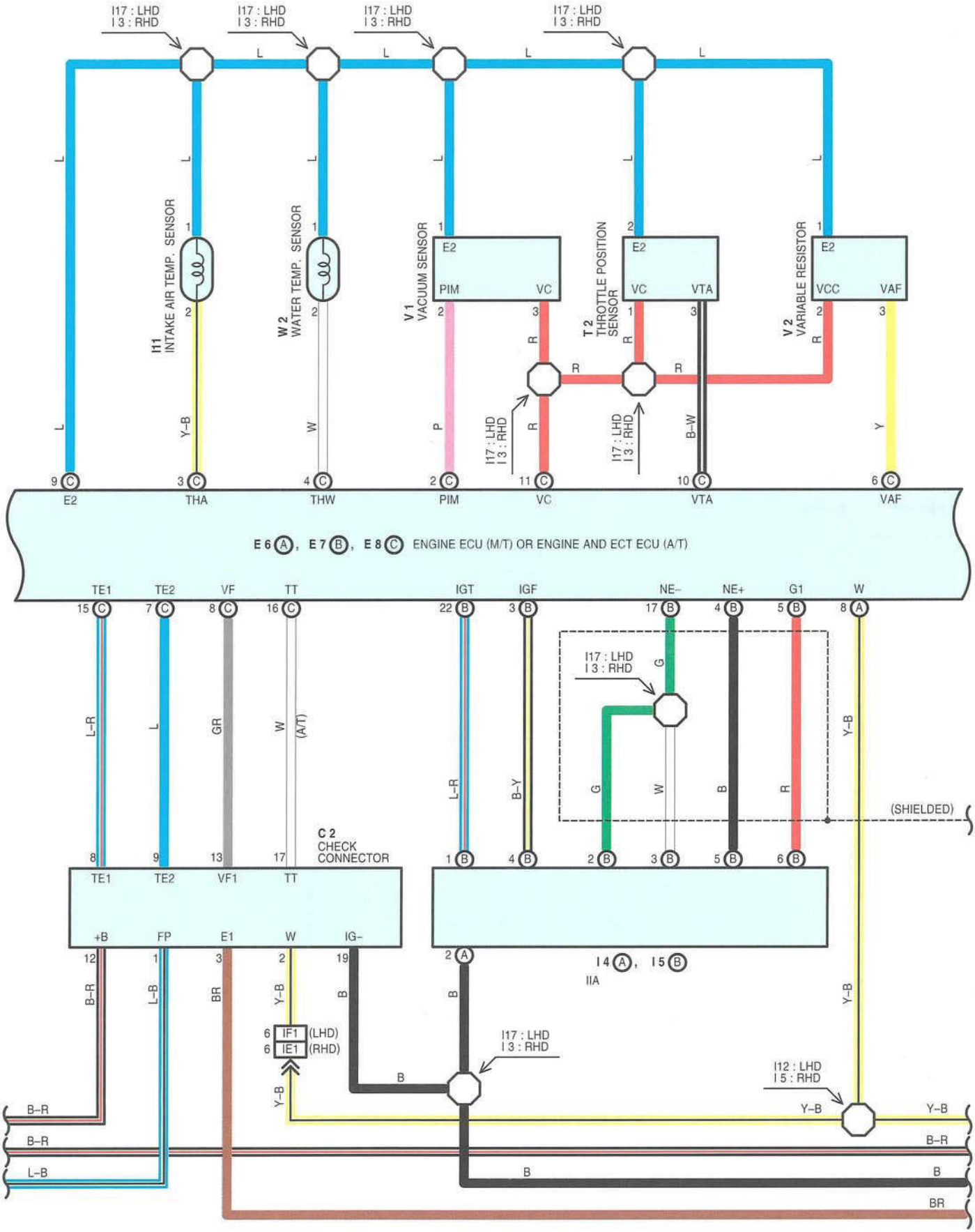
W2 BLACK

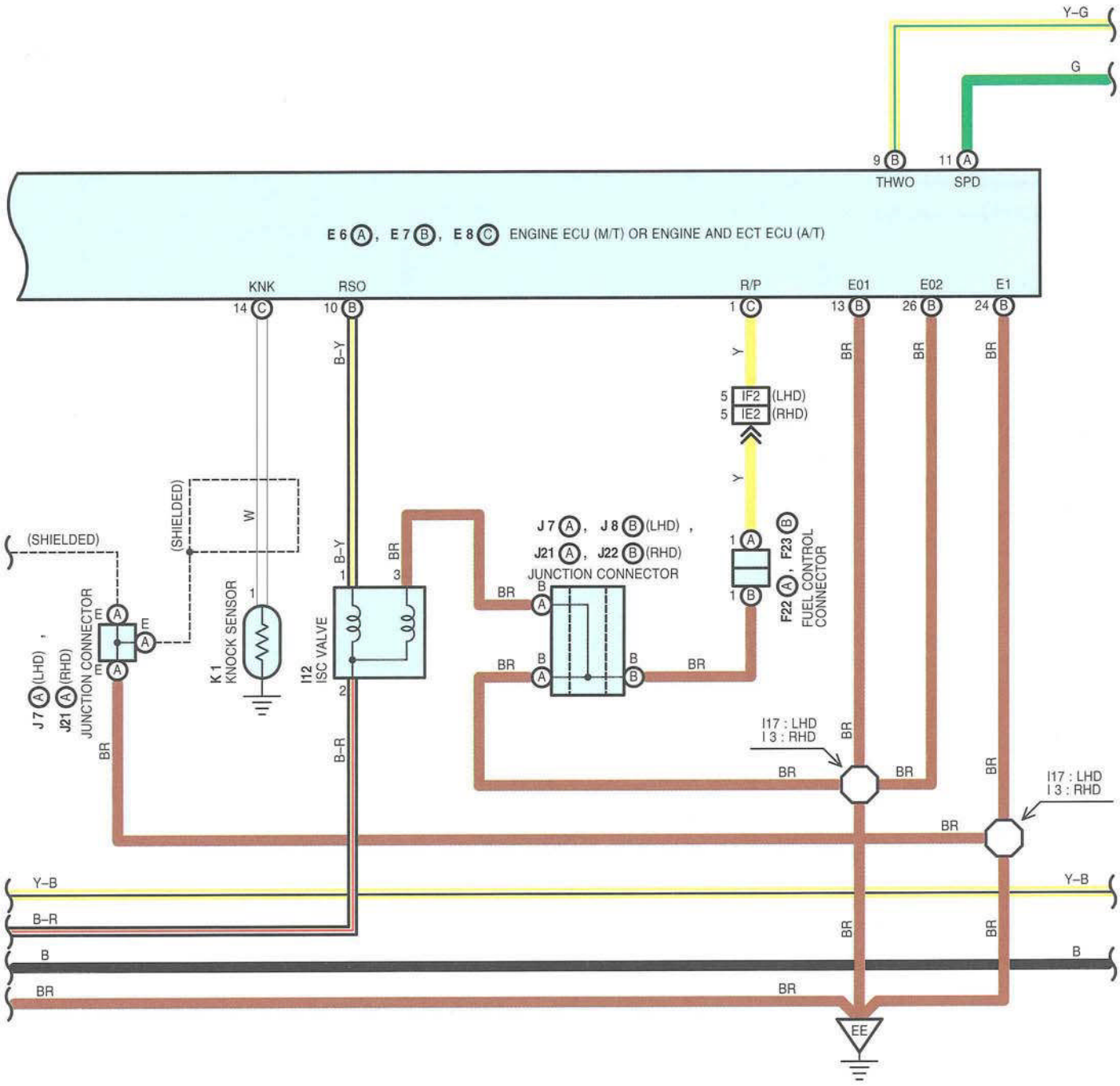


ENGINE CONTROL (4A-FE GENERAL STOICHIOMETRIC TYPE)

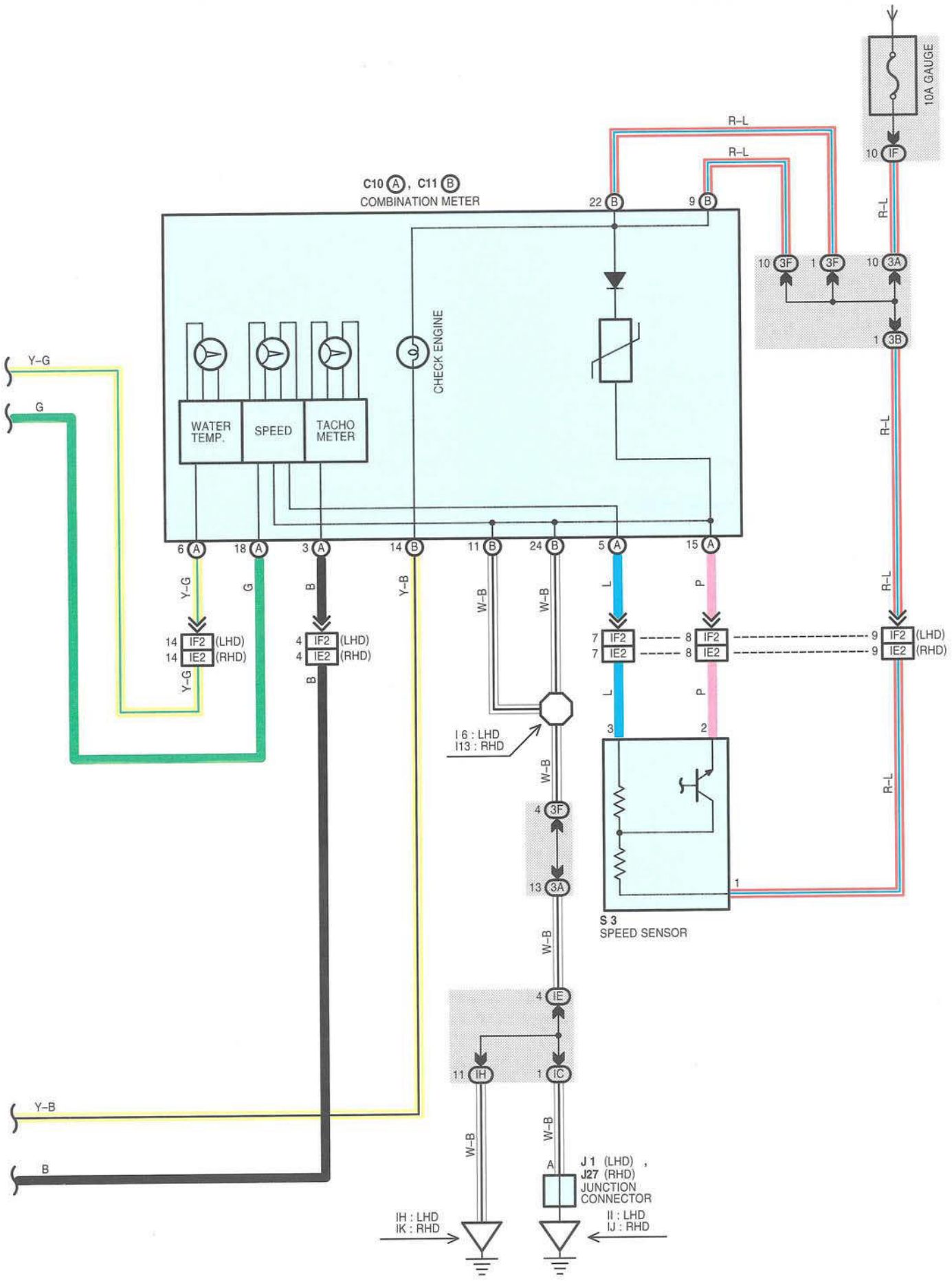



FROM POWER SOURCE SYSTEM (SEE PAGE 158)
B-Y
10A TAIL
5A Rr DEF I/UP
3 IE
13 IE
A13 A/C AMPLIFIER
ACT
AC1
7
1
B-R
D A
E B
J8 (LHD), J22 (RHD), J7 A, J21 A JUNCTION CONNECTOR
B-Y
G
P
L-B
2 A BATT
12 A ELS1
5 A ELS2
6 A ACT
10 A AC1
E6 A, E7 B, E8 C ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
FC
+B
#20
#10
NSW
STA
4 A
7 A
25 B
12 B
15 B
2 B
G-R
B-R
R
L
B-W (A/T)
B-W
C9 CIRCUIT OPENING RELAY
5
1
3
2
L-B
G-R
5 ID1 (LHD)
3 IC1 (RHD)
F27 FUEL PUMP
M
W-B
3 IF1 (LHD)
3 IE1 (RHD)
13 ID1 (LHD)
8 IC1 (RHD)
R
L
B-W(A/T)
B-W
J9 (LHD), J20 (RHD) JUNCTION CONNECTOR
A
IJ : LHD
II : RHD


I17 : LHD
I3 : RHD
I1 INTAKE AIR TEMP. SENSOR
W2 WATER TEMP. SENSOR
V1 VACUUM SENSOR
T2 THROTTLE POSITION SENSOR
V2 VARIABLE RESISTOR
E2
PIM
VC
VTA
VCC
VAF
THA
THW
E6 (A), E7 (B), E8 (C) ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
TE1
TE2
VF
TT
IGT
IGF
NE-
NE+
G1
W
C2 CHECK CONNECTOR
VF1
(SHIELDED)
+B
FP
E1
IG-
I4 (A), I5 (B)
IIA
IF1 (LHD)
IE1 (RHD)
I12 : LHD
I5 : RHD


Y-G
G
9 B THWO
11 A SPD
E6 A, E7 B, E8 C ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
KNK
RSO
R/P
E01
E02
E1
14 C
10 B
1 C
13 B
26 B
24 B
B-Y
Y
BR
5 IF2 (LHD)
5 IE2 (RHD)
(SHIELDED)
W
J7 A, J8 B (LHD),
J21 A, J22 B (RHD)
JUNCTION CONNECTOR
F22 A, F23 B
FUEL CONTROL CONNECTOR
J7 A (LHD),
J21 A (RHD)
JUNCTION CONNECTOR
K1
KNOCK SENSOR
I12
ISC VALVE
B-R
I17 : LHD
I3 : RHD
Y-B
B
EE

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, transaxle, etc. an outline of is given here.

1. INPUT SIGNALS

(1) Engine coolant temp. signal system

The water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance which varies according to the water temp. Thus the water temp. is input in the form of a control signal to **TERMINAL THW** of the ECU.

(2) Intake air temp. signal system

The intake air temp. sensor is detects the intake air temp., which is input as a control signal to **TERMINAL THA** of the ECU.

(3) RPM signal system

Crankshaft position and engine RPM are detected by the pick-up coil installed inside the IIA. Crankshaft position is input as a control signal to **TERMINAL G1** of the ECU, and RPM is input to **TERMINAL NE+**.

(4) Throttle signal system

The throttle position sensor detects the throttle valve opening angle, which is input as a control signal to **TERMINAL VTA** of the ECU.

(5) Vehicle speed signal system

The speed sensor detects the vehicle speed and input a control signal to **TERMINAL SPD** of the ECU via the combination meter.

(6) A/C SW signal system

The operating voltage of the A/C amplifier is detected and input in the form of a control signal to **TERMINAL A/C1** of the ECU.

(7) Battery signal system

Voltage is constantly applied to **TERMINAL BATT** of the ECU. When the ignition SW is turned to on, voltage for ECU operation is applied via the EFI relay to **TERMINAL +B** of the ECU.

(8) Intake air vacuum signal system

Intake air vacuum is detected by the vacuum sensor and is input as a control signal to **TERMINAL PIM** of the ECU.

(9) STA signal system

To confirm that the engine is cranking, the voltage applied to the starter motor during cranking is detected and is input as a control signal to **TERMINAL STA** of the ECU.

(10) Engine knock signal system

Engine knocking is detected by the knock sensor and input as a control signal to **TERMINAL KNK** of the ECU.

(11) Electrical load signal system

The signal when systems such as the rear window defogger, taillight. Which cause a high electrical burden are on is input to **TERMINALS ELS1** and **ELS2** as a control signal.

2. CONTROL SYSTEM

* EFI system

The EFI system monitors the engine conditions through the signals each sensor (Input signals (1) to (11)) input to the ECU. Based on this data and the program memorized in the ECU, the most appropriate fuel injection timing is decided and current is output to **TERMINALS #10** and **#20** of the ECU, causing the injectors to operate it (to inject fuel). It is this system which, through the work of the ECU, finely controls fuel injection response to driving conditions.

During engine cranking (Signal input to **TERMINAL STA**) or for approx. **2** seconds after the signal input, ECU operation energizes (Point closed) the fuel pump circuit inside the circuit opening relay, causing the fuel pump to operate.

* ESA system

The ESA system monitors the engine conditions using the signals (Input signals (1, 3, 4, 5, 6, 9, 11)) input to the ECU from each sensor. Based on this data and the program memorized in the ECU. The most appropriate ignition timing is decided and current is output to **TERMINAL IGT** of the ECU. This output controls the igniter to produce the most appropriate ignition timing for the driving conditions.

* ISC system

The ISC system increases the RPM and provides idle stability for fast idle-up when the engine is cold, and when the idle speed has dropped due to electrical load and so on, the engine ECU (M/T) or engine and ECT ECU (A/T) evaluates the signals from each sensor (Input signals from 1, 3, 4, 5, 6, 9, 11), current is output to **TERMINAL RSO** to control ISC valve.

* A/C cut control system

When the vehicle suddenly accelerates from low engine speed, this system cuts off air conditioner operation for a fixed period of time in response to the vehicle speed, throttle valve opening angle and intake manifold pressure in order to maintain acceleration performance.

Air conditioner operation is also cut off when the engine speed drops below **500** rpm during idling, thus preventing engine stalling.

The ECU receives (Input signals (3, 4, 5, 6 and 8)), and outputs signals to **TERMINAL ACT**.

3. DIAGNOSIS SYSTEM

With the diagnosis system, when there is a malfunctioning in the ECU signal system,the malfunction system is recorded in the memory. The malfunctioning system can be found by reading the display (Code) of the check engine warning light.

4. FAIL-SAFE SYSTEM

When a malfunction occurs in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the ECU memory or else stops the engine.

SERVICE HINTS

E6 (A), E7 (B), E8 (C) ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)

Voltage at ECU wiring connectors

BATT-GROUND : Always **9-14** volts
+B-GROUND : **9-14** volts (Ignition SW at **ON** position)
VC-GROUND : **4.5-5.5** volts (Ignition SW at **ON** position)
VTA-GROUND : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve fully open)
PIM-GROUND : **3.3-3.9** volts (Ignition SW at **ON** position)
THA-GROUND : **0.5-3.4** volts (Engine idling and intake air temp. **0-80**°C, **32-176**°F)
THW-GROUND : **0.2-1.0** volts (Engine idling and engine coolant temp. **60-120**°C, **140-248**°F)
STA-GROUND : **6-14** volts (Engine cranking)
IGT-GROUND : Pulse generation (Engine idling)
IGF-GROUND : Pulse generation (Engine idling)
FC-GROUND : **9-14** volts (Ignition SW on and engine stopping)
0-3 volts (Engine idling)
W-GROUND : **9-14** volts (Engine idling and warning light off)
AC1-GROUND : **9-14** volts (Ignition SW on and A/C SW off)
ACT-GROUND : **4.5-5.5** volts (Ignition SW on and A/C SW on)
SPD-GROUND : Pulse generation (Driving approx. **20** km/h)
RSO-GROUND : Pulse generation (Engine idling)
ELS1-GROUND : **7.5-14** volts (Ignition SW on and taillight on)
ELS2-GROUND : **7.5-14** volts (Ignition SW on and rear window defogger on)
NSW-GROUND : **0-3** volts (Engine idling)
#10,#20-GROUND : Pulse generation (Engine idling)
NE+ -NE- : Pulse generation (Engine idling)

C9 CIRCUIT OPENING RELAY

5-3 : Closed with the starter cranking and the engine running

EFI RELAY

5-3 : Closed with the ignition SW at **ON** or **ST** position

W2 WATER TEMP. SENSOR

1-2 : Approx. **14.96** kΩ (**-20**°C, **-4**°F)
Approx. **5.65** kΩ (**0**°C, **32**°F)
Approx. **2.44** kΩ (**20**°C, **68**°F)
Approx. **0.3143** kΩ (**80**°C, **176**°F)

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A13	76 (LHD)	F27	84 (LHD W/G)	J1	78 (LHD)
	94 (RHD)		98 (RHD S/D)	J7 A	78 (LHD)
C2	70 (LHD *B)		100 (RHD L/B)	J8 B	78 (LHD)
	90 (RHD *B)		102 (RHD W/G)	J9	78 (LHD)
C9	76 (LHD)	I4 A	70 (LHD *B)	J20	96 (RHD)
	94 (RHD)		90 (RHD *B)	J21 A	96 (RHD)
C10 A	76 (LHD)	I5 B	70 (LHD *B)	J22 B	96 (RHD)
	94 (RHD)		90 (RHD *B)	J27	96 (RHD)
C11 B	76 (LHD)	I7	70 (LHD *B)	K1	70 (LHD *B)
	94 (RHD)		90 (RHD *B)		90 (RHD *B)
E6 A	76 (LHD)	I8	70 (LHD *B)	N1	70 (LHD *B)
	94 (RHD)		90 (RHD *B)	S3	70 (LHD *B)
E7 B	76 (LHD)	I9	70 (LHD *B)		90 (RHD *B)
	94 (RHD)		90 (RHD *B)	T2	70 (LHD *B)
E8 C	76 (LHD)	I10	70 (LHD *B)		90 (RHD *B)
	94 (RHD)		90 (RHD *B)	V1	70 (LHD *B)
F22 A	78 (LHD)	I11	70 (LHD *B)		90 (RHD *B)
	96 (RHD)		90 (RHD *B)	V2	70 (LHD *B)
F23 B	78 (LHD)	I12	70 (LHD *B)		90 (RHD *B)
	96 (RHD)		90 (RHD *B)	W2	70 (LHD *B)
F27	80 (LHD S/D)	I13	78 (LHD)		90 (RHD *B)
	82 (LHD L/B)		96 (RHD)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2C		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Gasoline)	
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

* B : 4A-FE Stoichiometric Type

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2		
IF1	114 (LHD)	
IF2		

: GROUND POINTS

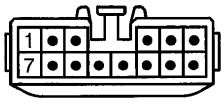
Code	See Page	Ground Points Location
EA	108 (LHD *B)	Under the Headlight RH
	128 (RHD *B)	
EB	108 (LHD *B)	Under the Headlight LH
	128 (RHD *B)	
EE	108 (LHD *B)	Under the Intake Manifold
	128 (RHD *B)	
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	
	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

: SPLICE POINTS

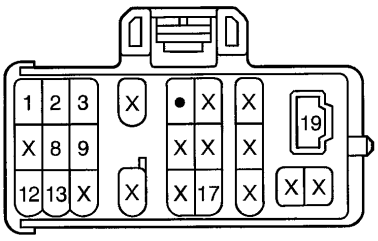
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	108 (LHD *B)	Engine Room Main Wire	I6	116 (LHD)	Cowl Wire
	128 (RHD *B)		I12		
I3	134 (RHD)	Engine Wire	I13	134 (RHD)	
I5	134 (RHD)	Cowl Wire	I17	116 (LHD)	Engine Wire

ENGINE CONTROL (4A-FE GENERAL STOICHIOMETRIC TYPE)

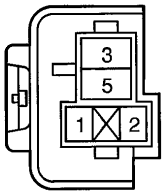
A13 BLACK



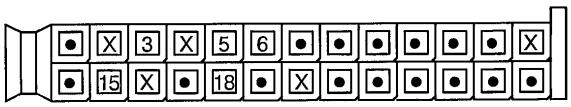
C2 BLACK



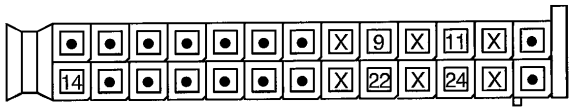
C9



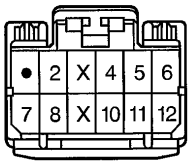
C10 (A) BLACK



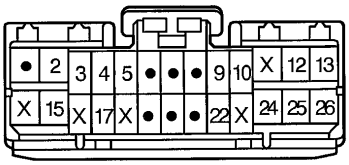
C11 (B) GREEN



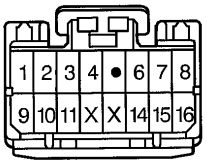
E6 (A)



E7 (B)



E8 (C)



F22 (A)



F23 (B)



F27 DARK GRAY



I4 (A) DARK GRAY



I5 (B) GRAY



I7 GRAY



I8 BROWN



I9 GRAY



I10 BROWN



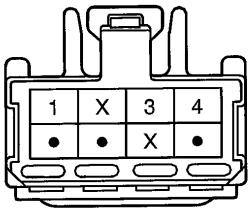
I11 BLACK



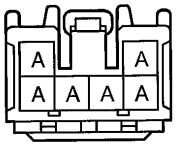
I12 GARY



I13

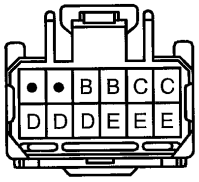


J1



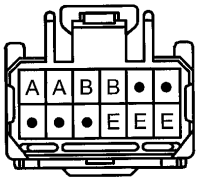
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



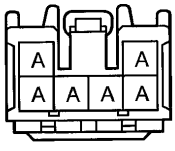
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



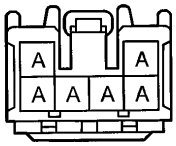
(Hint : See Page 7, 23, 39)

J9



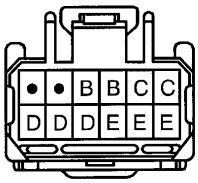
(Hint : See Page 7, 23, 39)

J20



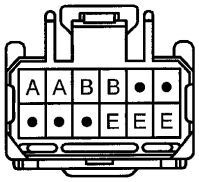
(Hint : See Page 7, 23, 39)

J21 (A) BLACK



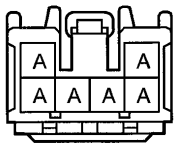
(Hint : See Page 7, 23, 39)

J22 (B) BLACK



(Hint : See Page 7, 23, 39)

J27

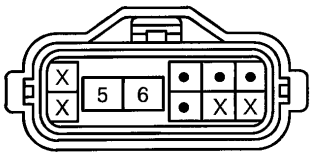


(Hint : See Page 7, 23, 39)

K1 DARK GRAY



N1 GRAY



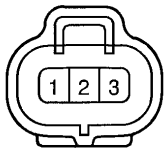
S3 BLACK



T2 BLACK



V1 BLACK

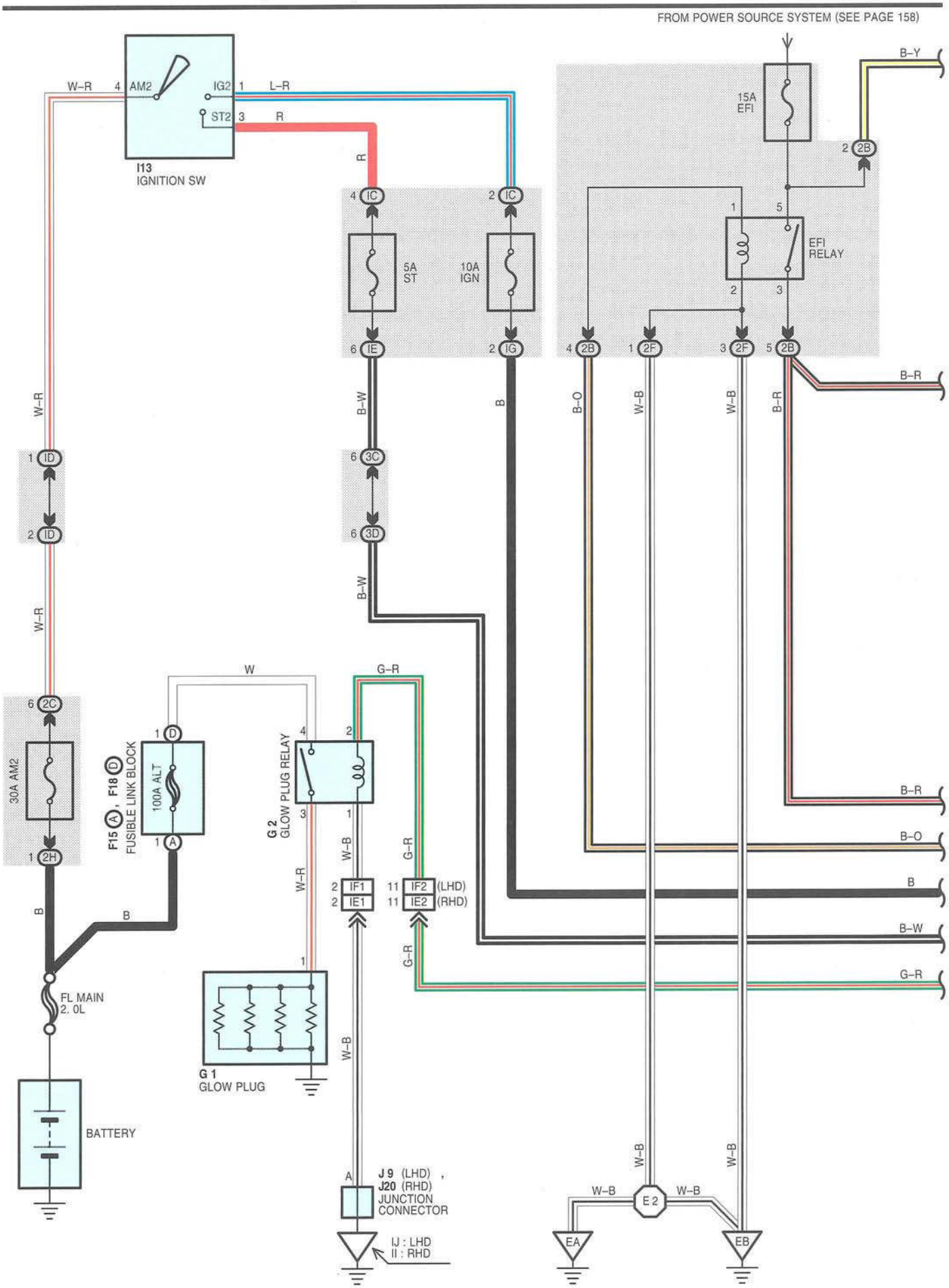


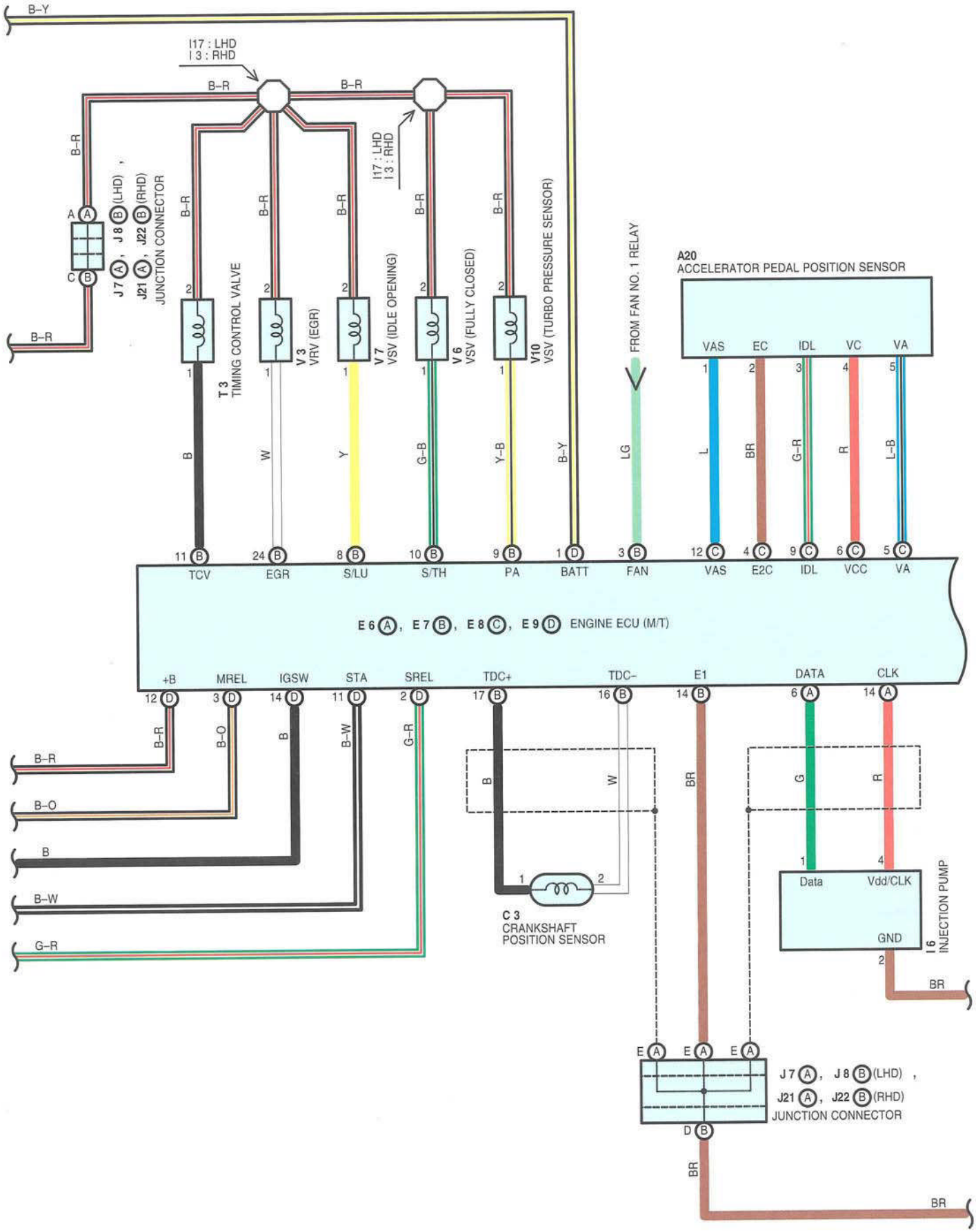
V2 BLACK

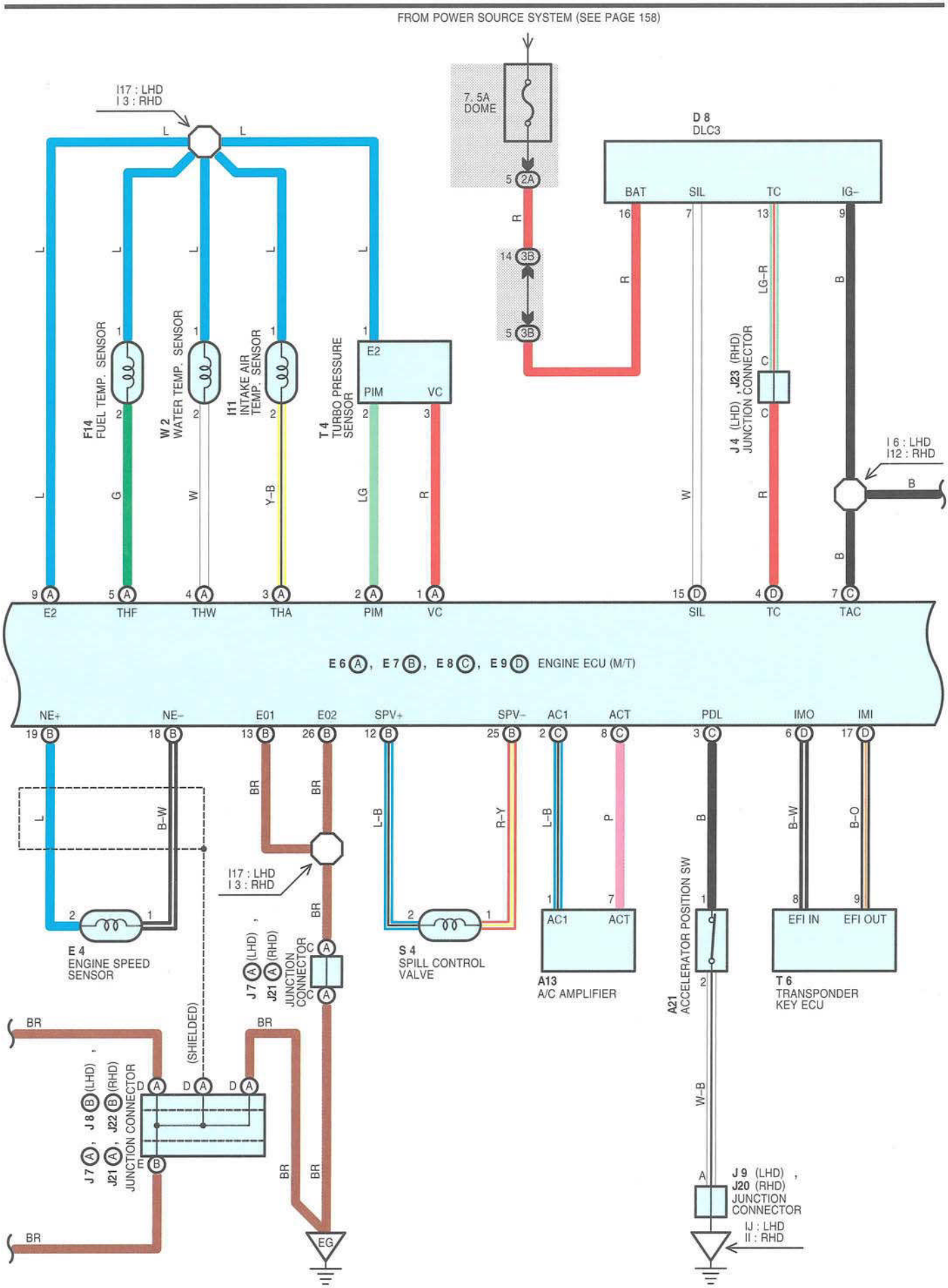


W2 DARK GRAY

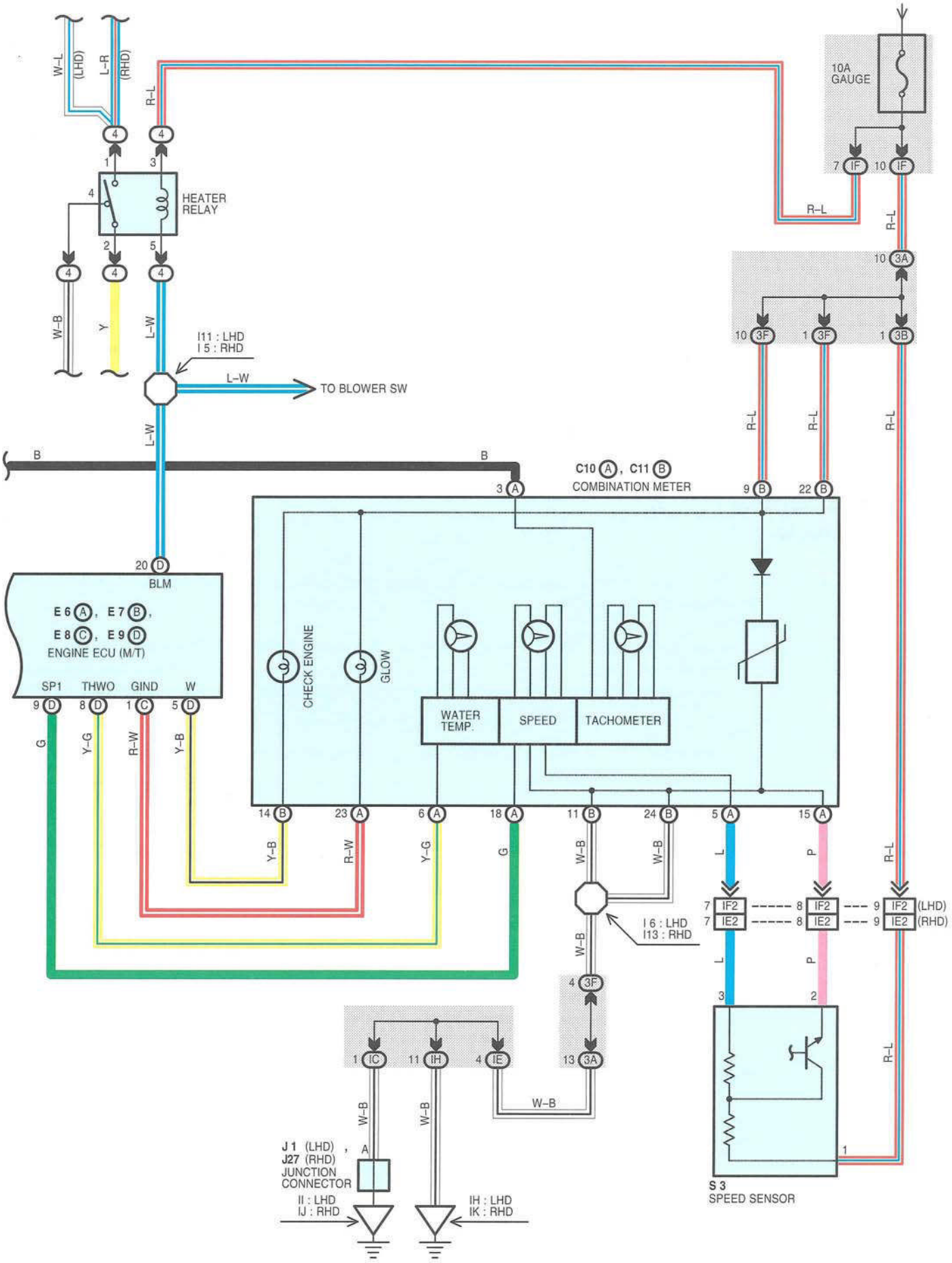



FROM POWER SOURCE SYSTEM (SEE PAGE 158)
I13
IGNITION SW
W-R
AM2
IG2
L-R
ST2
R
15A
EFI
B-Y
EFI
RELAY
5A
ST
10A
IGN
B-W
B
B-O
W-B
B-R
G-R
W
30A AM2
F15 A , F18 D
FUSIBLE LINK BLOCK
100A ALT
G 2
GLOW PLUG RELAY
IF1 (LHD)
IE1 (RHD)
IF2 (LHD)
IE2 (RHD)
FL MAIN
2. 0L
G 1
GLOW PLUG
BATTERY
J 9 (LHD) ,
J20 (RHD)
JUNCTION
CONNECTOR
IJ : LHD
II : RHD
E 2
EA
EB


B–Y
I17 : LHD
I 3 : RHD
B–R
B–R
I17 : LHD
I 3 : RHD
J7 (A), J8 (B) (LHD),
J21 (A), J22 (B) (RHD)
JUNCTION CONNECTOR
T3
TIMING CONTROL VALVE
V3
VRV (EGR)
V7
VSV (IDLE OPENING)
V6
VSV (FULLY CLOSED)
V10
VSV (TURBO PRESSURE SENSOR)
FROM FAN NO. 1 RELAY
A20
ACCELERATOR PEDAL POSITION SENSOR
VAS
EC
IDL
VC
VA
B
W
Y
G–B
Y–B
B–Y
LG
L
BR
G–R
R
L–B
TCV
EGR
S/LU
S/TH
PA
BATT
FAN
VAS
E2C
IDL
VCC
VA
E6 (A), E7 (B), E8 (C), E9 (D) ENGINE ECU (M/T)
+B
MREL
IGSW
STA
SREL
TDC+
TDC–
E1
DATA
CLK
B–R
B–O
B
B–W
G–R
B
W
BR
G
R
C3
CRANKSHAFT
POSITION SENSOR
Data
Vdd/CLK
GND
I6
INJECTION PUMP
BR
J7 (A), J8 (B) (LHD),
J21 (A), J22 (B) (RHD)
JUNCTION CONNECTOR
BR
BR


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
7.5A DOME
D8 DLC3
BAT
SIL
TC
IG-
I17 : LHD
I3 : RHD
F14 FUEL TEMP. SENSOR
W2 WATER TEMP. SENSOR
I11 INTAKE AIR TEMP. SENSOR
T4 TURBO PRESSURE SENSOR
E2
PIM
VC
J4 (LHD), J23 (RHD) JUNCTION CONNECTOR
I6 : LHD
I12 : RHD
E2
THF
THW
THA
PIM
VC
SIL
TC
TAC
E6 (A), E7 (B), E8 (C), E9 (D) ENGINE ECU (M/T)
NE+
NE-
E01
E02
SPV+
SPV-
AC1
ACT
PDL
IMO
IMI
E4 ENGINE SPEED SENSOR
I17 : LHD
I3 : RHD
J7 (LHD), J21 (RHD) JUNCTION CONNECTOR
S4 SPILL CONTROL VALVE
A13 A/C AMPLIFIER
A21 ACCELERATOR POSITION SW
T6 TRANSPONDER KEY ECU
EFI IN
EFI OUT
(SHIELDED)
J8 (LHD), J22 (RHD), J7, J21 JUNCTION CONNECTOR
J9 (LHD), J20 (RHD) JUNCTION CONNECTOR
IJ : LHD
II : RHD
EG

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, etc. an outline of is given here.

1. INPUT SIGNALS

(1) Engine coolant temp. signal system

The water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance which varies according to the water temp. Thus the water temp. is input in the form of a control signal to **TERMINAL THW** of the ECU.

(2) Intake air temp. signal system

The intake air temp. sensor is detects the intake air temp., which is input as a control signal to **TERMINAL THA** of the ECU.

(3) RPM signal system

Crankshaft position and camshaft position are detected by the crankshaft position sensor and engine speed sensor. Crankshaft position is input as a control signal to **TERMINAL TDC+** of the ECU, and RPM is input to **TERMINAL NE+**.

(4) Throttle signal system

The accelerator pedal position sensor detects the accelerator pedal opening angle, which is input as a control signal to **TERMINALS VA, VAS** of the ECU, or when the accelerator pedal is fully closed, to **TERMINAL IDL**.

(5) Vehicle speed signal system

The speed sensor detects the vehicle speed and input a control signal to **TERMINAL SP1** of the ECU via the combination meter.

(6) A/C SW signal system

The operating voltage of the A/C amplifier is detected and input in the form of a control signal to **TERMINAL AC1** of the ECU.

(7) Battery signal system

Voltage is constantly applied to **TERMINAL BATT** of the ECU. When the ignition SW is turned to on, voltage for ECU operation is applied via the EFI relay to **TERMINAL +B** of the ECU.

(8) STA signal system

To confirm that the engine is cranking, the voltage applied to the starter motor during cranking is detected and is input as a control signal to **TERMINAL STA** of the ECU.

(9) Fuel temp. signal system

The fuel temp. sensor is detects the fuel temp., which is input as a control signal to **TERMINAL THF** of the ECU.

(10) Intake air vacuum pressure signal system

Intake air vacuum pressure is detected by the turbo pressure sensor and is input as a control signal to **TERMINAL PIM** of the ECU.

(11) Blower SW signal system

The condition (on or off) of the blower SW is input as a control signal to **TERMINAL BLM** of the ECU.

2. CONTROL SYSTEM

* Fuel injection volume control system
  The fuel injection volume control system monitors the engine conditions through the signals (Input signals (1, 2, 3, 4, 5, 9, 10)) input from each sensors to the ECU. ECU has basic data and the program (Memorized in the ECU) and decides the most appropriate fuel injection volume, and outputs the current to the **TERMINAL SPV+** of the ECU, causing the spill control valve to operate it.
* Fuel injection timing control system
  The fuel injection timing control system monitors the engine conditions through the signals (Input signals (1, 3, 4, 5, 10)) input from each sensors to the ECU. ECU has basic data and the program (Memorized in the ECU) and decides the most appropriate fuel injection timing, and outputs the current to the **TERMINAL TCV** of the ECU, causing the timing control valve to operate it.
* ISC and blower idle-up control system
  The ISC system increases the engine RPM and provides idle stability for fast idle-up when the engine is cold, and when the idle speed has dropped due to the blower operation and etc., the engine ECU evaluates the signals (Input signals from (1, 3, 4, 5, 6, 8, 11)) input from each sensors to the ECU, and outputs the current to the **TERMINAL SPV+**, causing to control spill control valve.
* Glow plug relay control system
  When the engine starts, the glow plug relay is controlled in response to engine coolant temp. At that time, the engine ECU receives the signals (Input signals (1, 3, 8)), and the current is output to the **TERMINALS SREL** and **GIND**.
  As a result, the engine ECU controls the glow plug relay and makes the glow indicator light come on.
* EGR control system
  The EGR control system detects the signals from each sensors (Input signals (1, 3, 4, 10)), then the current is output to the **TERMINAL EGR** to control the VRV (EGR).
* A/C cut control system
  When the vehicle suddenly accelerates from low engine speed, this system cuts off air conditioner operation for a fixed period of time in response to the vehicle speed, throttle valve opening angle and intake manifold pressure in order to maintain acceleration performance.
  The ECU receives input signals (3, 4, 5, 6 and 10), and outputs signals to **TERMINAL ACT**.

3. DIAGNOSIS SYSTEM

With the diagnosis system, when there is a malfunctioning in the ECU signal system,the malfunction system is recorded in the memory. The malfunctioning system can be found by reading the display (Code) of the check engine warning light.

4. FAIL-SAFE SYSTEM

When a malfunction occurs in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the ECU memory or else stops the engine.

SERVICE HINTS

E6 (A), E7 (B), E8 (C), E9 (D) ENGINE ECU

Voltage at ECU wiring connectors

BATT-GROUND : Always **9-14** volts
+B-GROUND : **9-14** volts (Ignition SW at **ON** position)
VC-GROUND : **4.5-5.5** volts (Ignition SW at **ON** position)
IDL-GROUND : **9-14** volts (Ignition SW on and accelerator pedal fully closed)
: **0-3** volts (Ignition SW on and accelerator pedal fully open)
VA, VAS-GROUND : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve fully open)
PIM-GROUND : **3.3-3.9** volts (Ignition SW at **ON** position)
THA-GROUND : **0.5-3.4** volts (Engine idling and intake air temp. **0-80**°C, **32-176**°F)
THW-GROUND : **0.2-1.0** volts (Engine idling and engine coolant temp. **60-120**°C, **140-248**°F)
STA-GROUND : **6-14** volts (Engine cranking)
W-GROUND : **9-14** volts (Engine idling and warning light off)
AC1-GROUND : **9-14** volts (Ignition SW on and A/C SW off)
ACT-GROUND : **4.5-5.5** volts (Ignition SW on and A/C SW on)
SP1-GROUND : Pulse generation (Driving approx. **20** km/h)
EGR-GROUND : **9-14** volts (Ignition SW at **ON** position)
TCV-GROUND : **9-14** volts (Ignition SW at **ON** position)
GIND-GROUND : **9-14** volts (Engine idling and warning light off)
SPV+ -GROUND : Pulse generation (Engine idling)
SREL-GROUND : **9-14** volts (Engine cranking)
THF-GROUND : **0.5-3.4** volts (Ignition SW on and engine cool lange)
NE+ -NE- : Pulse generation (Engine idling)
TDC+ -TDC- : Pulse generation (Engine idling)

○ : PARTS LOCATION

Code		See Page
A13		76 (LHD)
		94 (RHD)
A20		76 (LHD)
		94 (RHD)
A21		76 (LHD)
		94 (RHD)
C3		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
C10	A	76 (LHD)
		94 (RHD)
C11	B	76 (LHD)
		94 (RHD)
D8		76 (LHD)
		94 (RHD)
E4		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
E6	A	76 (LHD)
		94 (RHD)
E7	B	76 (LHD)
		94 (RHD)
E8	C	76 (LHD)
		94 (RHD)
E9	D	76 (LHD)
		94 (RHD)

Code		See Page
F14		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
F15	A	72 (LHD 2C-TE)
		92 (RHD 2C-TE)
F18	D	72 (LHD 2C-TE)
		92 (RHD 2C-TE)
G1		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
G2		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
I6		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
I11		72 (LHD 2C-TE)
		92 (RHD 2C-TE)
I13		78 (LHD)
		96 (RHD)
J1		78 (LHD)
J4		78 (LHD)
J7	A	78 (LHD)
J8	B	78 (LHD)
J9		78 (LHD)
J20		96 (RHD)
J21	A	96 (RHD)
J22	B	96 (RHD)

Code	See Page
J23	96 (RHD)
J27	96 (RHD)
S3	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
S4	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
T3	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
T4	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
T6	78 (LHD)
	96 (RHD)
V3	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
V6	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
V7	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
V10	72 (LHD 2C-TE)
	92 (RHD 2C-TE)
W2	72 (LHD 2C-TE)
	92 (RHD 2C-TE)

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	53	R/B No.4 (Passenger Side Dash Panel)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2C		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2		
IF1	114 (LHD)	
IF2		

: GROUND POINTS

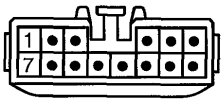
Code	See Page	Ground Points Location
EA	110 (LHD 2C-TE)	Under the Headlight RH
	130 (RHD 2C-TE)	
EB	110 (LHD 2C-TE)	Under the Headlight LH
	130 (RHD 2C-TE)	
EG	110 (LHD 2C-TE)	Near the Starter
	130 (RHD 2C-TE)	
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	
	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

: SPLICE POINTS

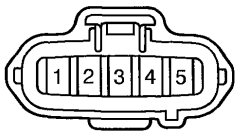
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	110 (LHD 2C-TE)	Engine Room Main Wire	I11	116 (LHD)	Cowl Wire
	130 (RHD 2C-TE)		I12	134 (RHD)	
I3	134 (RHD)	Engine Wire	I13		
I5	134 (RHD)	Cowl Wire	I17	116 (LHD)	Engine Wire
I6	116 (LHD)				

ENGINE CONTROL (2C-TE)

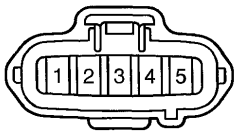
A13 BLACK



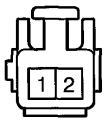
(LHD) A20 DARK GRAY



(RHD) A20 BLACK



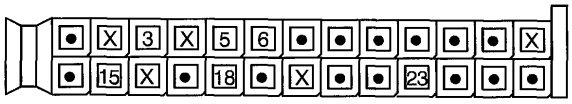
A21



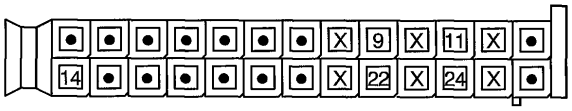
C3 BLACK



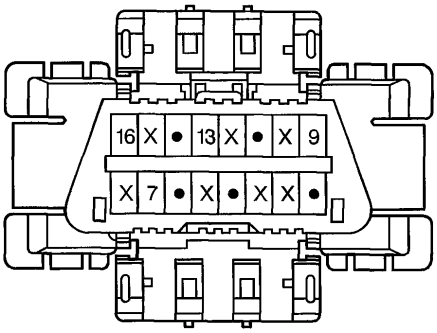
C10 (A) BLACK



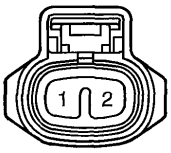
C11 (B) GREEN



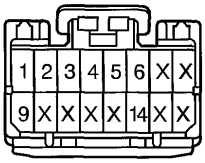
D8



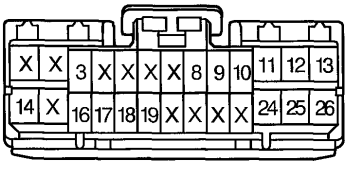
E4



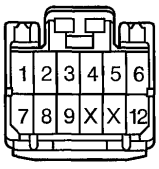
E6 (A)



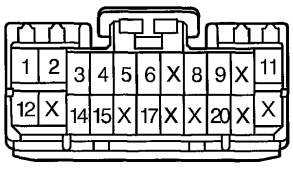
E7 (B)



E8 (C)



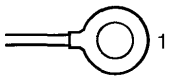
E9 (D)



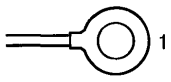
F14 DARK GRAY



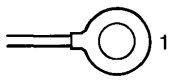
F15 (A)



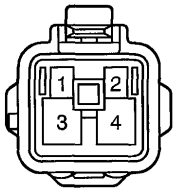
F18 (D)



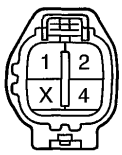
G1



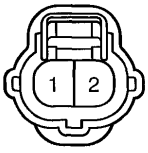
G2 GRAY



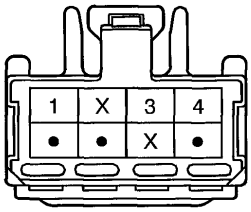
I6 BLACK



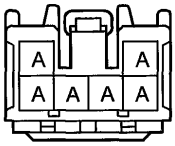
I11 DARK GRAY



I13

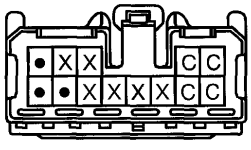


J1



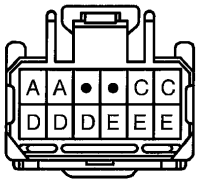
(Hint : See Page 7, 23, 39)

J4 BLUE



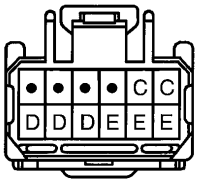
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



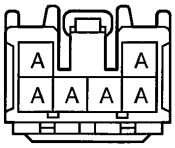
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



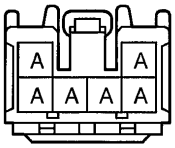
(Hint : See Page 7, 23, 39)

J9



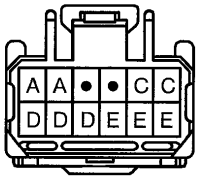
(Hint : See Page 7, 23, 39)

J20



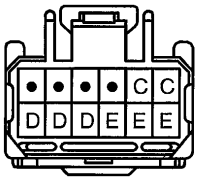
(Hint : See Page 7, 23, 39)

J21 (A) BLACK



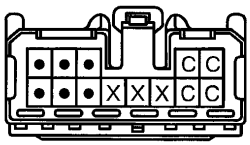
(Hint : See Page 7, 23, 39)

J22 (B) BLACK



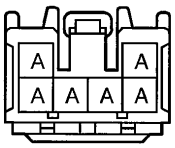
(Hint : See Page 7, 23, 39)

J23 BLUE



(Hint : See Page 7, 23, 39)

J27

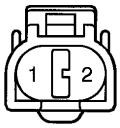


(Hint : See Page 7, 23, 39)

S3 BLACK



S4 GRAY



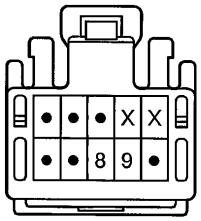
T3 BROWN



T4 BLACK



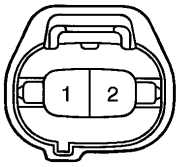
T6



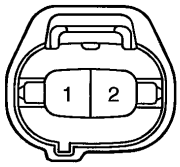
V3 BROWN



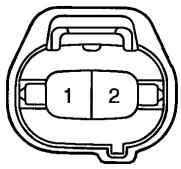
V6 BLUE



V7 BLUE

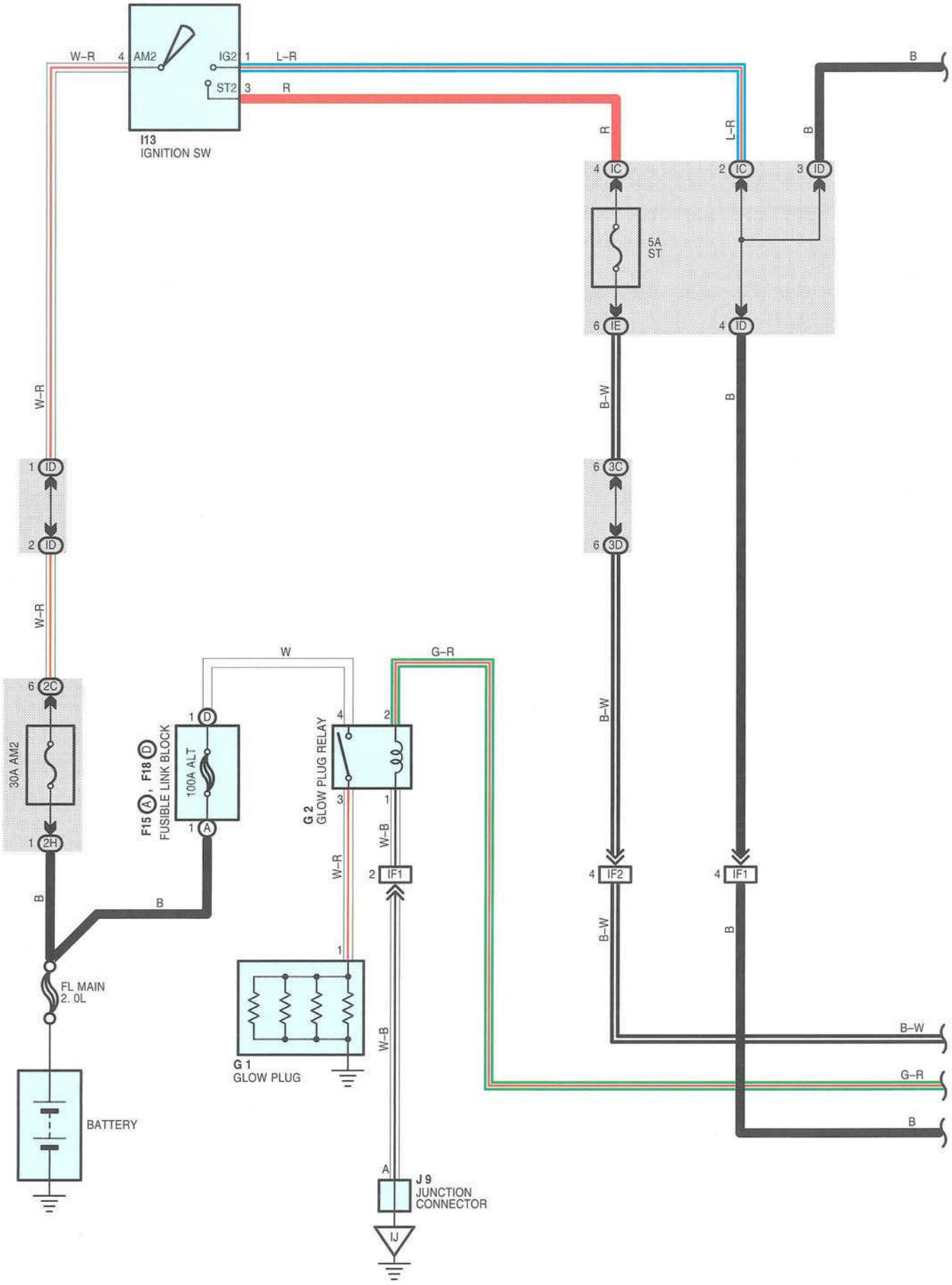


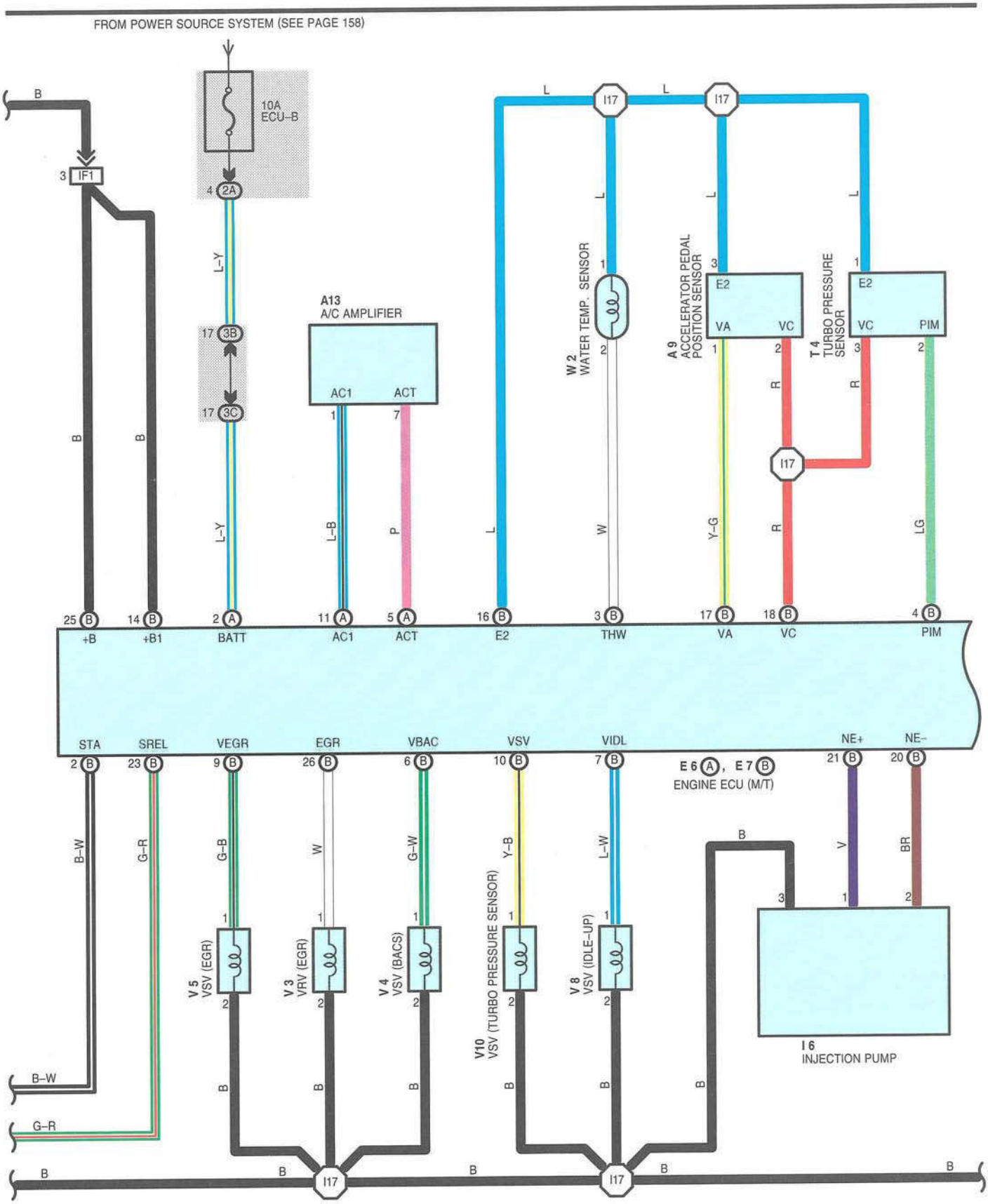
V10 BROWN

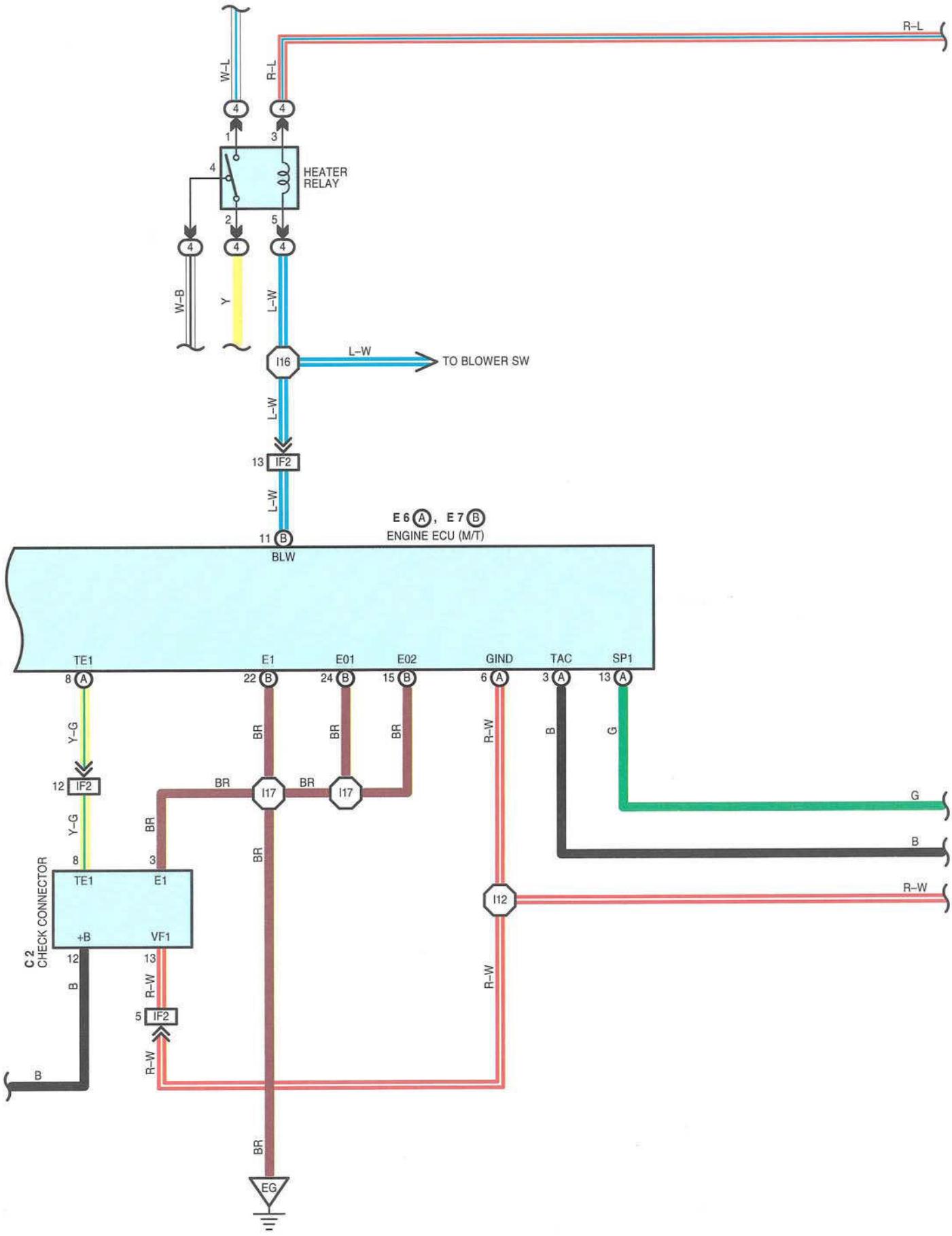


W2 DARK GARY

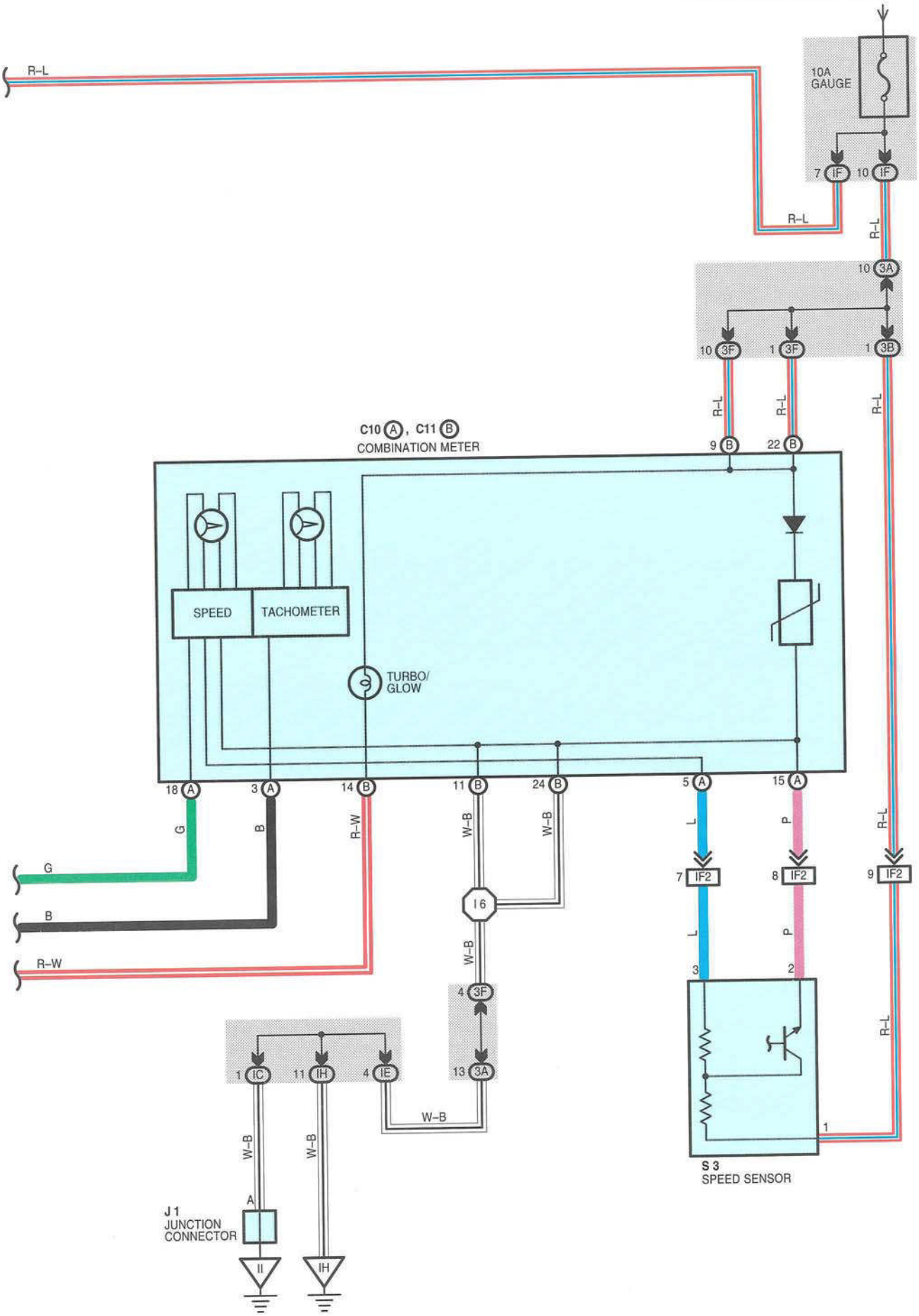



W-R
4 AM2
IG2 1
L-R
ST2 3
R
I13
IGNITION SW
R
L-R
B
4 IC
2 IC
3 ID
5A
ST
6 IE
4 ID
B-W
B
6 3C
6 3D
1 ID
2 ID
W-R
W-R
6 2C
30A AM2
1 2H
W
G-R
1 D
1 A
F15 A , F18 D
FUSIBLE LINK BLOCK
100A ALT
G 2
GLOW PLUG RELAY
4
2
3
1
W-B
W-R
2 IF1
4 IF2
4 IF1
B-W
B
B
B
FL MAIN
2. 0L
1
G 1
GLOW PLUG
W-B
BATTERY
B-W
G-R
B
A
J 9
JUNCTION
CONNECTOR
IJ


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
10A
ECU-B
IF1
2A
3B
3C
A13
A/C AMPLIFIER
AC1
ACT
W2
WATER TEMP. SENSOR
A9
ACCELERATOR PEDAL
POSITION SENSOR
E2
VA
VC
T4
TURBO PRESSURE
SENSOR
PIM
I17
+B
+B1
BATT
AC1
ACT
E2
THW
VA
VC
PIM
STA
SREL
VEGR
EGR
VBAC
VSV
VIDL
NE+
NE-
E6 A , E7 B
ENGINE ECU (M/T)
V5
VSV (EGR)
V3
VRV (EGR)
V4
VSV (BACS)
V10
VSV (TURBO PRESSURE SENSOR)
V8
VSV (IDLE-UP)
I6
INJECTION PUMP


R-L
W-L
R-L
4
4
1
3
4
HEATER RELAY
2
5
4
4
4
W-B
Y
L-W
I16
L-W
TO BLOWER SW
L-W
13
IF2
L-W
11
B
BLW
E6 A , E7 B
ENGINE ECU (M/T)
TE1
E1
E01
E02
GIND
TAC
SP1
8 A
22 B
24 B
15 B
6 A
3 A
13 A
Y-G
BR
BR
BR
R-W
B
G
12
IF2
BR
I17
BR
I17
G
Y-G
BR
B
8
3
TE1
E1
C2
CHECK CONNECTOR
+B
VF1
I12
R-W
12
13
B
R-W
R-W
5
IF2
B
R-W
BR
EG

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SYSTEM OUTLINE

The engine control system utilizes a microcomputer and maintains overall control of the engine, etc. an outline of is given here.

1. INPUT SIGNALS

(1) Engine coolant temp. signal system
The water temp. sensor detects the engine coolant temp. and has a built-in thermistor with a resistance which varies according to the water temp. Thus the water temp. is input in the form of a control signal to **TERMINAL THW** of the ECU.

(2) Throttle signal system
The accelerator pedal position sensor detects the throttle valve opening angle, which is input as a control signal to **TERMINAL VA** of the ECU.

(3) Vehicle speed signal system
The speed sensor detects the vehicle speed and input a control signal to **TERMINAL SP1** of the ECU via the combination meter.

(4) A/C SW signal system
The operating voltage of the A/C amplifier is detected and input in the form of a control signal to **TERMINAL AC1** of the ECU.

(5) Battery signal system
Voltage is constantly applied to **TERMINAL BATT** of the ECU. When the ignition SW is turned to on, voltage for ECU operation is applied via the ignition SW to **TERMINALS +B, +B1** of the ECU.

(6) STA signal system
To confirm that the engine is cranking, the voltage applied to the starter motor during cranking is detected and is input as a control signal to **TERMINAL STA** of the ECU.

(7) Intake air vacuum signal system
Intake air vacuum is detected by the turbo pressure sensor and is input as a control signal to **TERMINAL PIM** of the ECU.

(8) Blower SW signal system
The condition (on or off) of the blower SW is input as a control signal to **TERMINAL BLW** of the ECU.

2. CONTROL SYSTEM

* Glow plug relay control system
When the engine starts, the glow plug relay is controlled in response to engine coolant temp. At that time, the engine ECU receives the signals (Input signals (1, 6)), and the current is output to the **TERMINALS SREL** and **GIND**.
As a result, the engine ECU controls the glow plug relay and makes the turbo/glow indicator light come on.

* EGR control system
The EGR control system detects the signals from each sensors (Input signals (1, 2, 7)), then the current is output to the **TERMINAL EGR** to control the VRV (EGR).

* A/C cut control system
When the vehicle suddenly accelerates from low engine speed, this system cuts off air conditioner operation for a fixed period of time in response to the vehicle speed, throttle valve opening angle and intake manifold pressure in order to maintain acceleration performance.
The ECU receives input signals (2, 3, 4 and 7), and outputs signals to **TERMINAL ACT**.

3. FAIL-SAFE SYSTEM

When a malfunction occurs in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail-safe system either controls the system by using data (Standard values) recorded in the ECU memory or else stops the engine.

SERVICE HINTS

E6 (A), E7 (B) ENGINE ECU

Voltage at ECU wiring connectors

BATT-GROUND : Always **9-14** volts
+B1-GROUND : **9-14** volts (Ignition SW at **ON** position)
+B-GROUND : **9-14** volts (Ignition SW at **ON** position)
VC-GROUND : **4.5-5.5** volts (Ignition SW at **ON** position)
VA-GROUND : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve fully open)
PIM-GROUND : **3.3-3.9** volts (Ignition SW at **ON** position)
THW-GROUND : **0.2-1.0** volts (Engine idling and engine coolant temp. **60-120**°C, **140-248**°F)
STA-GROUND : **6-14** volts (Engine cranking)
AC1-GROUND : **9-14** volts (Ignition SW on and A/C SW off)
ACT-GROUND : **4.5-5.5** volts (Ignition SW on and A/C SW on)
SP1-GROUND : Pulse generation (Driving approx. **20** km/h)
EGR-GROUND : **9-14** volts (Ignition SW at **ON** position)
GIND-GROUND : **9-14** volts (Engine idling and warning light off)
SREL-GROUND : **9-14** volts (Engine cranking)
NE+ -GROUND : Pulse generation (Engine idling)

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A9	74 (LHD 2C-T)	F18 D	74 (LHD 2C-T)	T4	74 (LHD 2C-T)
A13	76 (LHD)	G1	74 (LHD 2C-T)	V3	74 (LHD 2C-T)
C2	74 (LHD 2C-T)	G2	74 (LHD 2C-T)	V4	74 (LHD 2C-T)
C10 A	76 (LHD)	I6	74 (LHD 2C-T)	V5	74 (LHD 2C-T)
C11 B	76 (LHD)	I13	78 (LHD)	V8	74 (LHD 2C-T)
E6 A	76 (LHD)	J1	78 (LHD)	V10	74 (LHD 2C-T)
E7 B	76 (LHD)	J9	78 (LHD)	W2	74 (LHD 2C-T)
F15 A	74 (LHD 2C-T)	S3	74 (LHD 2C-T)		

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	53	R/B No.4 (Passenger Side Dash Panel)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
ID		
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2C		
2H	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3B		
3C		
3D		
3F	61 (LHD)	

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF1	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2		

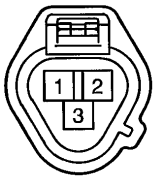
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EG	112 (LHD 2C-T)	Near the Starter
IH	114 (LHD)	Left Kick Panel
II		
IJ	114 (LHD)	Right Kick Panel

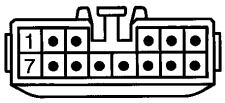
⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	116 (LHD)	Cowl Wire	I16	116 (LHD)	Cowl Wire
I12			I17	116 (LHD)	Engine Wire

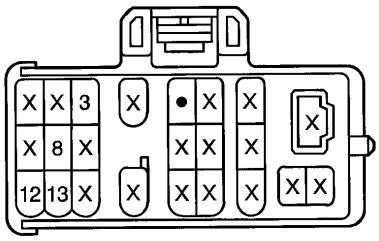
A9 GRAY



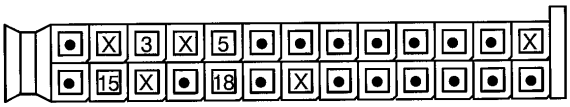
A13 BLACK



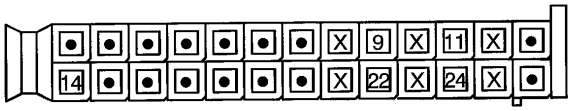
C2 BLACK



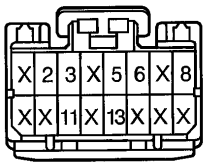
C10 (A) BLACK



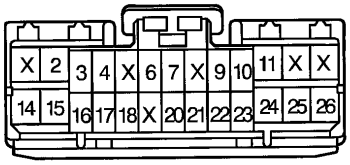
C11 (B) GREEN



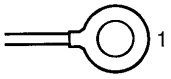
E6 (A)



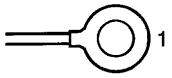
E7 (B)



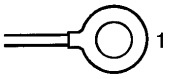
F15 (A)



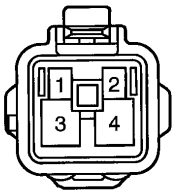
F18 (D)



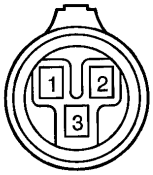
G1



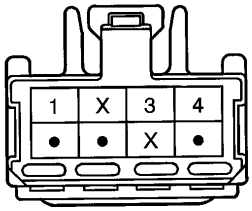
G2 GRAY



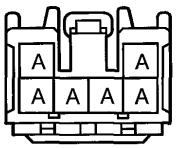
I6 GRAY



I13

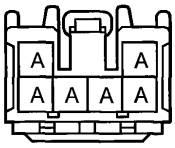


J1



(Hint : See Page 7, 23, 39)

J9



(Hint : See Page 7, 23, 39)

S3 BLACK



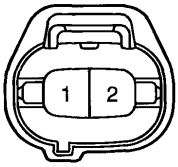
T4 BLACK



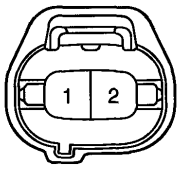
V3 BROWN



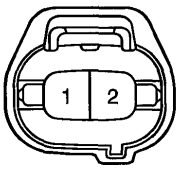
V4 BLACK



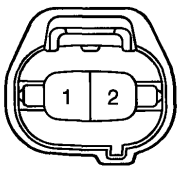
V5 BLUE



V8 BROWN



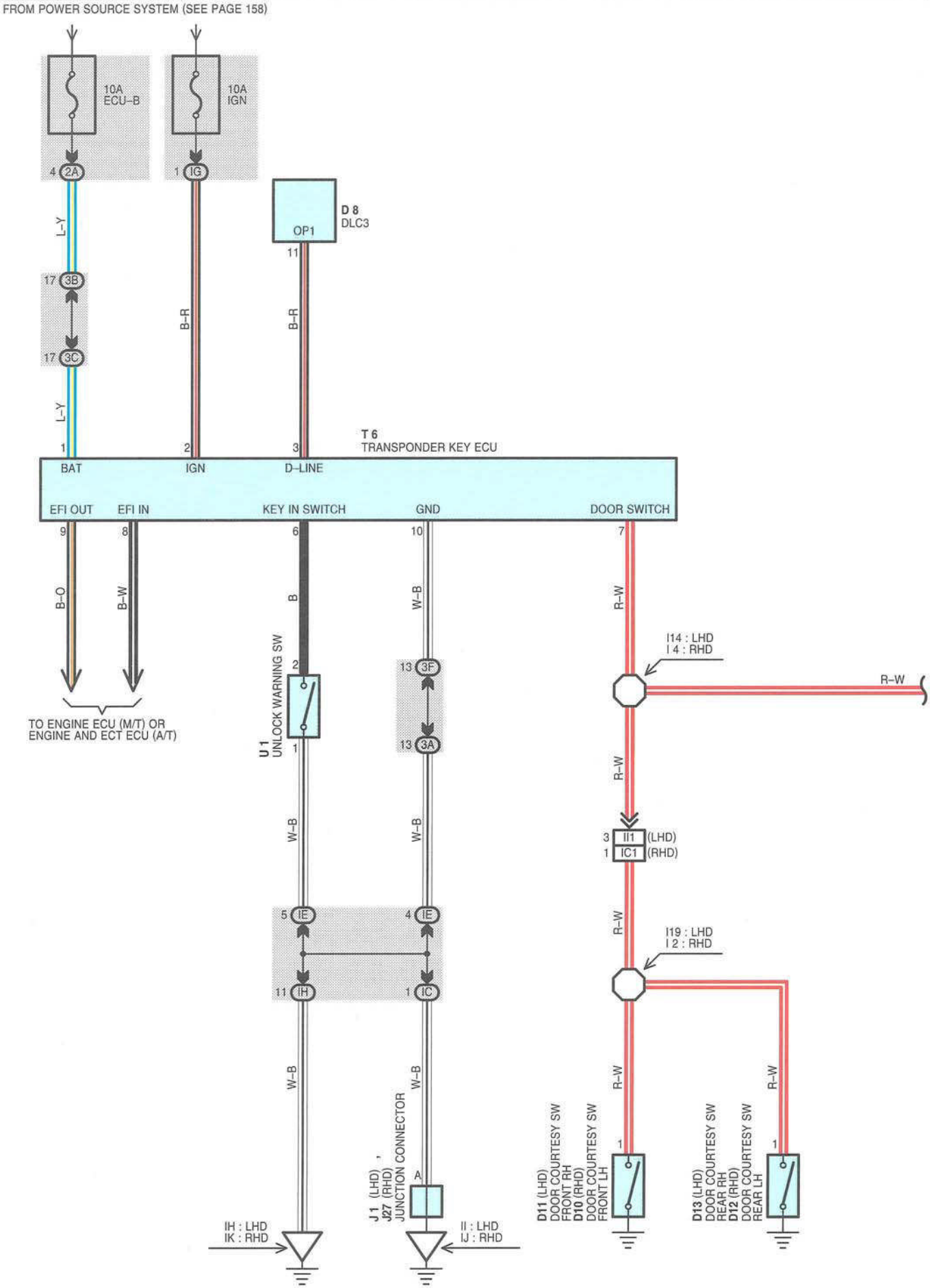
V10 BLACK



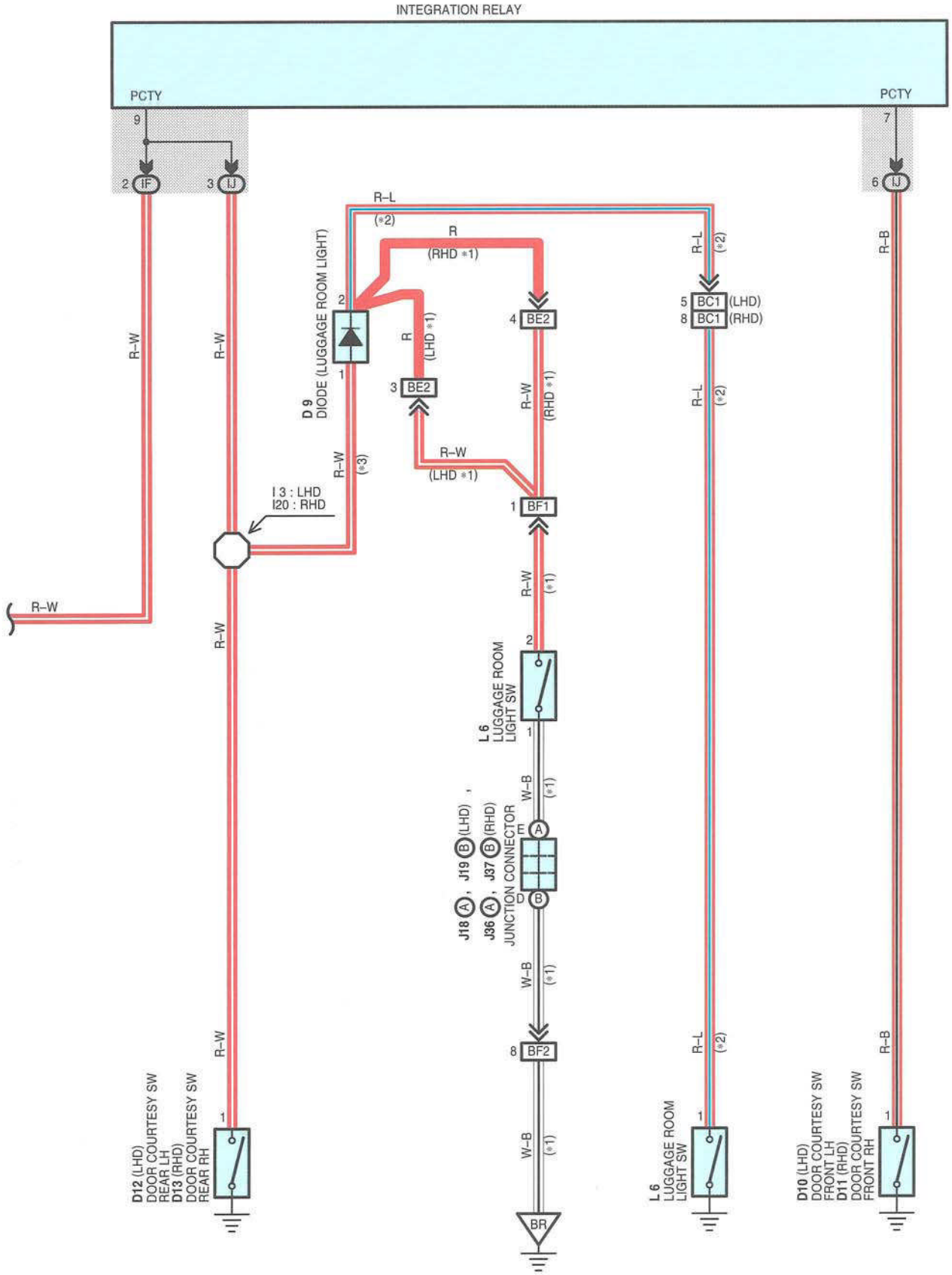
W2 GREEN



ENGINE IMMOBILISER SYSTEM



* 1 : W/G
* 2 : L/B
* 3 : EXCEPT S/D



ENGINE IMMOBILISER SYSTEM

SERVICE HINTS

T6 TRANSPONDER KEY ECU

1-GROUND : Always approx. **12** volts
2-GROUND : Approx. **12** volts with the ignition SW at **ON** position
7-GROUND : Continuity with each of the doors opened
6-GROUND : Continuity with the ignition key in cylinder
10-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D8	76 (LHD)	D11	98 (RHD S/D)	J1	78 (LHD)
	94 (RHD)		100 (RHD L/B)	J18 A	84 (LHD W/G)
D9	82 (LHD L/B)		102 (RHD W/G)	J19 B	84 (LHD W/G)
	84 (LHD W/G)	D12	80 (LHD S/D)	J27	96 (RHD)
	100 (RHD L/B)		82 (LHD L/B)	J36 A	102 (RHD W/G)
	102 (RHD W/G)		84 (LHD W/G)	J37 B	102 (RHD W/G)
D10	80 (LHD S/D)		98 (RHD S/D)	L6	82 (LHD L/B)
	82 (LHD L/B)		100 (RHD L/B)		84 (LHD W/G)
	84 (LHD W/G)		102 (RHD W/G)		100 (RHD L/B)
	98 (RHD S/D)	D13	80 (LHD S/D)		102 (RHD W/G)
	100 (RHD L/B)		82 (LHD L/B)	T6	78 (LHD)
	102 (RHD W/G)		84 (LHD W/G)		96 (RHD)
D11	80 (LHD S/D)		98 (RHD S/D)	U1	78 (LHD)
	82 (LHD L/B)		100 (RHD L/B)		96 (RHD)
	84 (LHD W/G)		102 (RHD W/G)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
II1	116 (LHD)	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
BC1	120 (LHD L/B)	Floor Wire and Floor Wire (Under the Left Qurter Pillar)
	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF1	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	
BF2	122 (LHD W/G)	
	140 (RHD W/G)	

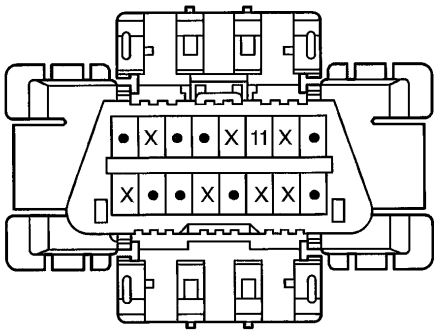
: GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	134 (RHD)	Floor No.2 Wire	I14	116 (LHD)	Instrument Panel Wire
I3	116 (LHD)	Floor Wire	I19	116 (LHD)	Floor No.2 Wire
I4	134 (RHD)	Cowl Wire	I20	134 (RHD)	Floor Wire

D8



D9 BLACK



D10



D11



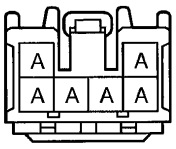
D12



D13

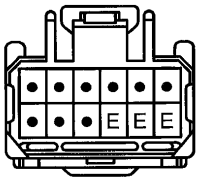


J1



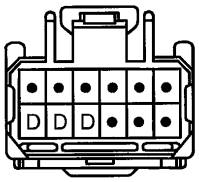
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



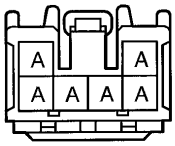
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



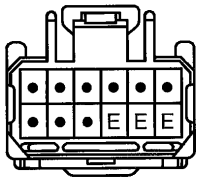
(Hint : See Page 7, 23, 39)

J27



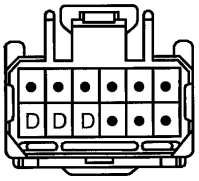
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



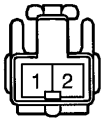
(Hint : See Page 7, 23, 39)

J37 (B) BLACK



(Hint : See Page 7, 23, 39)

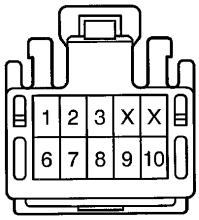
(W/G) L6



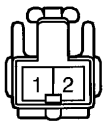
(L/B) L6 GRAY



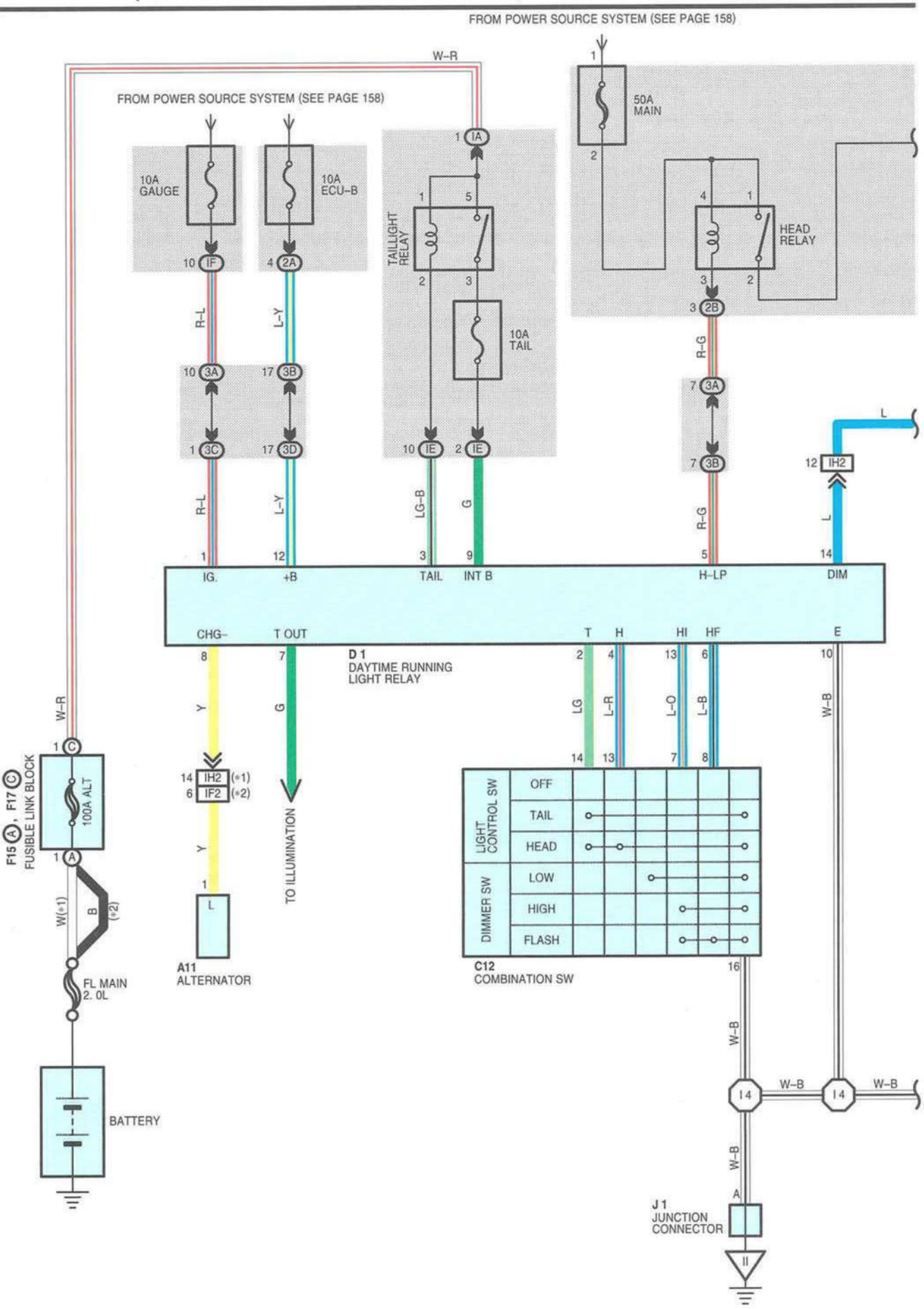
T6



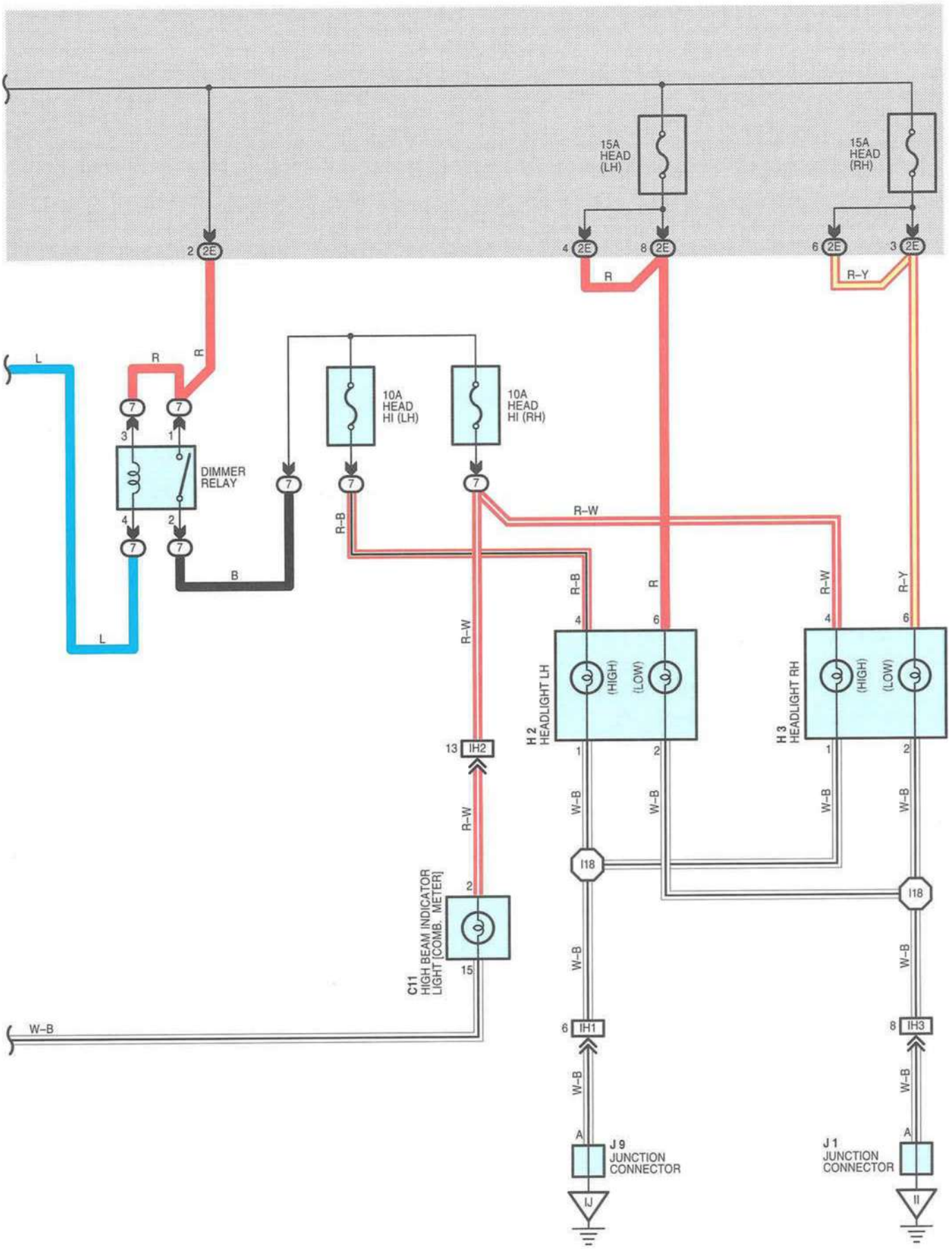
U1 BLACK



HEADLIGHT (w/ DAYTIME RUNNING LIGHT)



• 1 : GASOLINE
• 2 : DIESEL



HEADLIGHT (w/ DAYTIME RUNNING LIGHT)

SYSTEM OUTLINE

Current from the battery is always flowing from the **ALT** fuse to taillight relay (Coil side) to **TERMINAL 3** of the daytime running light relay, **MAIN** fuse to HEAD relay (Coil side) to **TERMINAL 5** of the daytime running light relay, and **ECU-B** fuse to **TERMINAL 12** of the daytime running light relay.
When the ignition SW is turned on, the current flowing through the **GAUGE** fuse flows to **TERMINAL 1** of the daytime running light relay.

1. DAYTIME RUNNING LIGHT OPERATION

When the engine is started, voltage is produced at **TERMINAL L** of the alternator and when voltage is applied to **TERMINAL 8** of the daytime running light relay, the daytime running light relay operates and current flows from the taillight relay (Point side) to **TAIL** fuse to **TERMINAL 9** of the daytime running light relay to **TERMINAL 7** to illumination lights to **GROUND**, and from the HEAD relay (Point side) to **HEAD (LH)** and **HEAD (RH)** fuses to headlights to **GROUND**.
Accordingly, even if the light control SW is in **OFF** position, each light mentioned here light up. This system operates until the ignition SW is turned off.

2. TAILLIGHT OPERATION

When the light control SW is turned to the **TAIL** position, current flowing to the taillight relay (Coil side) always flows to **TERMINAL 3** of the daytime running light relay to **TERMINAL 2** to **TERMINAL 14** of the light control SW to **TERMINAL 16** to **GROUND**, turning the taillight relay on.
This causes the current flowing the the taillight relay (Point side) to **TAIL** fuse to **TERMINAL 9** of the daytime running light relay to **TERMINAL 7** to illumination lights to **GROUND**, causing the taillight to light up.

3. HEADLIGHT OPERATION

When the light control SW is turned to **HEAD** position and the dimmer SW to low side, the current flowing to the HEAD relay (Coil side) flows to **TERMINAL 5** of the daytime running light relay to **TERMINAL 4** to **TERMINAL 13** of the light control SW to **TERMINAL 16** to **GROUND**, turning the HEAD relay on.
This causes the current flowing to the HEAD relay (Point side) to **HEAD (LH)** and **HEAD (RH)** fuses to **TERMINAL 6** of the headlights to **TERMINAL 2** to **GROUND**, so the headlights (LOW) light up.
When the dimmer SW is switched to the high side, current flows from **TERMINAL 3** of the DIMMER relay to **TERMINAL 4** to **TERMINAL 14** of the daytime running light relay to **TERMINAL 13** to **TERMINAL 7** of the dimmer SW to **TERMINAL 16** to **GROUND**, turning the DIMMER relay on.
This causes the current flowing to **TERMINAL 1** of the DIMMER relay to **HEAD HI (LH)** and **HEAD HI (RH)** fuses to **TERMINAL 4** of the headlights to **TERMINAL 1** to **GROUND**, causing the headlights (HIGH) to light up.
When the dimmer SW is turned to **FLASH** position, current flows from **TERMINALS 5** and **14** of the daytime running light relay to **TERMINAL 6** to **TERMINAL 8** of the dimmer SW to **TERMINAL 16** to **GROUND**, so that the HEAD relay and the DIMMER relay are activated in that order are the headlights change to flashing mode.
When the headlights are light up (with the exception of flashing mode), the taillights are lighted up as described in part **2** earlier.

SERVICE HINTS

HEAD RELAY

1-2 : Closed with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position

DIMMER RELAY

1-2 : Closed with the light control SW at **HEAD** position and the dimmer SW at **HIGH** position
Closed with the dimmer SW at **FLASH** position

C12 LIGHT CONTROL SW [COMB. SW]

13-16 : Closed with the light control SW at **HEAD** position
14-16 : Closed with the light control SW at **TAIL** or **HEAD** position

C12 DIMMER SW [COMB. SW]

7-16 : Closed with the dimmer SW at **HIGH** or **FLASH** position
8-16 : Closed with the dimmer SW at **FLASH** position

D1 DAYTIME RUNNING LIGHT RELAY

10-GROUND : Always continuity
4-GROUND : Continuity with the light control SW at **HEAD** position
2-GROUND : Continuity with the light control SW at **TAIL** or **HEAD** position
12-GROUND : Always approx. **12** volts
1-GROUND : Approx. **12** volts with the ignition SW at **ON** position

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

: PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
A11		66 (LHD 3S-FE)	F15	A	70 (LHD *B)	H2	70 (LHD *B)
		68 (LHD *A)			72 (LHD 2C-TE)		72 (LHD 2C-TE)
		70 (LHD *B)			74 (LHD 2C-T)	H3	66 (LHD 3S-FE)
		72 (LHD 2C-TE)	F17	C	66 (LHD 3S-FE)		68 (LHD *A)
C11		76 (LHD)			68 (LHD *A)		70 (LHD *B)
C12		76 (LHD)			70 (LHD *B)		72 (LHD 2C-TE)
D1		76 (LHD)			72 (LHD 2C-TE)	J1	78 (LHD)
F15	A	66 (LHD 3S-FE)	H2		66 (LHD 3S-FE)	J9	78 (LHD)
		68 (LHD *A)			68 (LHD *A)		

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
7	54	R/B No.7 (Radiator Upper Support RH)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IA	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE	59	
IF		
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2E	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3B		
3C		
3D		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF2	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IH1	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2		
IH3		

: GROUND POINTS

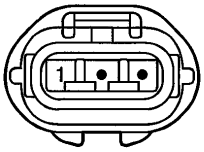
Code	See Page	Ground Points Location
II	114 (LHD)	Left Kick Panel
IJ	114 (LHD)	Right Kick Panel

: SPLICE POINTS

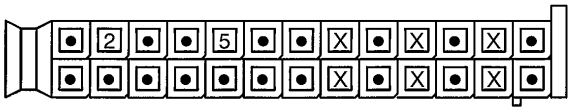
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I4	116 (LHD)	Cowl Wire	I18	116 (LHD)	Engine Room Main Wire

HEADLIGHT (w/ DAYTIME RUNNING LIGHT)

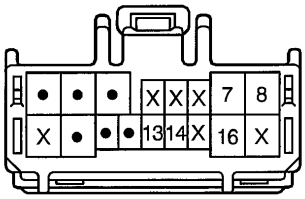
A11 BLACK



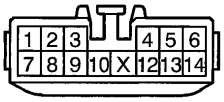
C11 GREEN



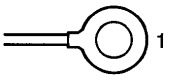
C12



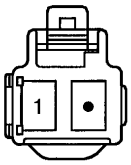
D1 BLUE



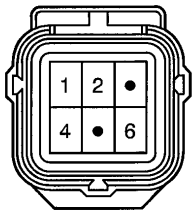
F15 (A)



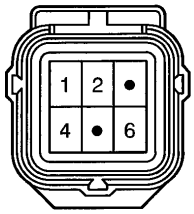
F17 (C) BLUE



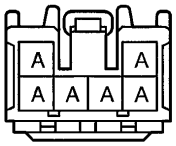
H2 BLACK



H3 BLACK

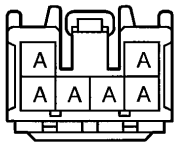


J1



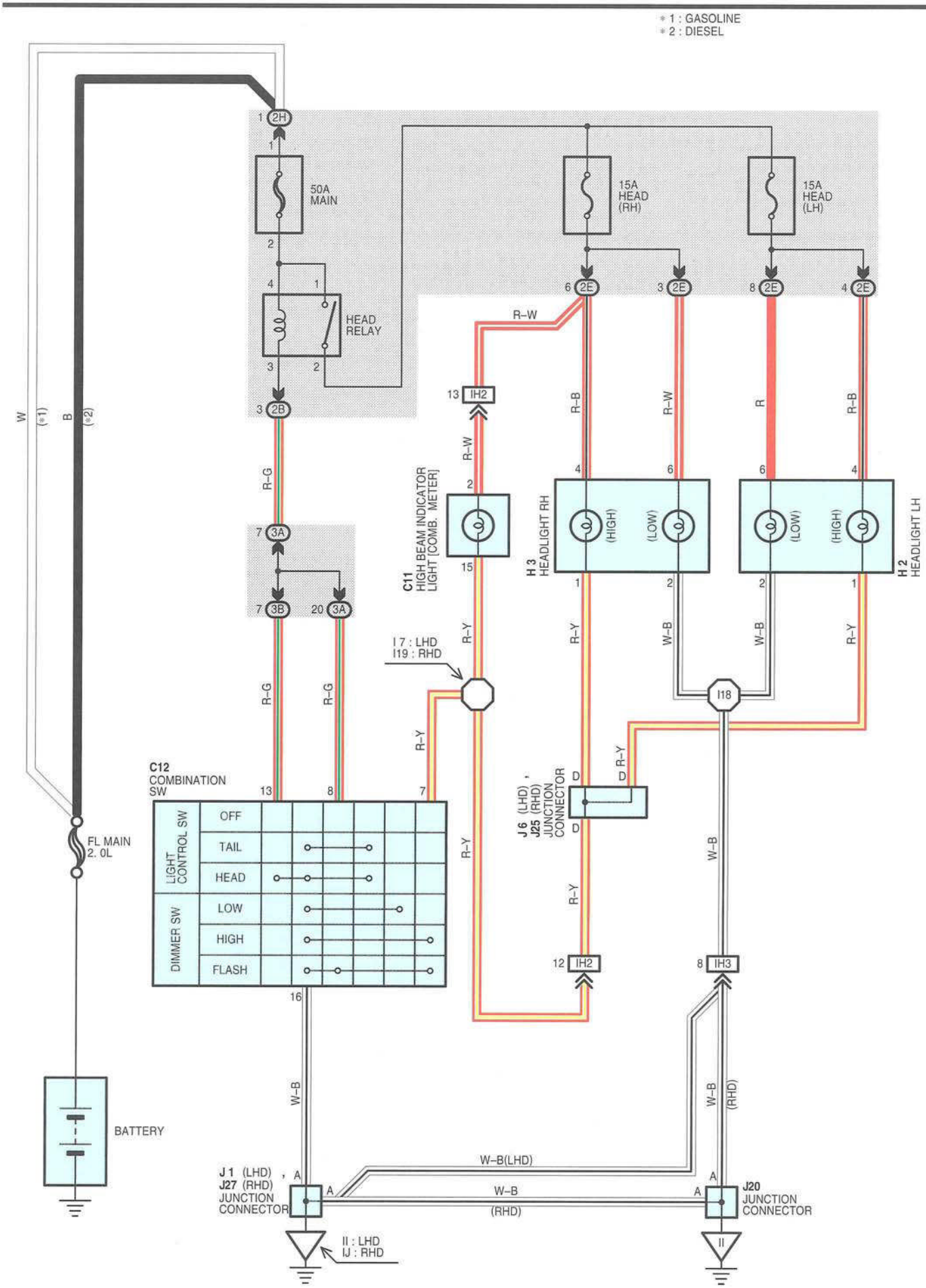
(Hint : See Page 7, 23, 39)

J9



(Hint : See Page 7, 23, 39)

HEADLIGHT (w/o DAYTIME RUNNING LIGHT)



SERVICE HINTS

HEAD RELAY

1-2 : Closed with the light control SW at **HEAD** position or the dimmer SW at **FLASH** position

C12 COMBINATION SW

7-16 : Closed with the dimmer SW at **HIGH** or **FLASH** position
8-16 : Closed with the dimmer SW at **FLASH** position
13-16 : Closed with the light control SW at **HEAD** position

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Code	See Page	Code	See Page
C11	76 (LHD)	H2	86 (RHD 3S-FE)	H3	86 (RHD 3S-FE)
	94 (RHD)		88 (RHD *A)		88 (RHD *A)
C12	76 (LHD)		90 (RHD *B)		90 (RHD *B)
	94 (RHD)		92 (RHD 2C-TE)		92 (RHD 2C-TE)
H2	66 (LHD 3S-FE)	H3	66 (LHD 3S-FE)	J1	78 (LHD)
	68 (LHD *A)		68 (LHD *A)	J6	78 (LHD)
	70 (LHD *B)		70 (LHD *B)	J20	96 (RHD)
	72 (LHD 2C-TE)		72 (LHD 2C-TE)	J25	96 (RHD)
	74 (LHD 2C-T)		74 (LHD 2C-T)	J27	96 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2E	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2H	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	
IH3	116 (LHD)	
	134 (RHD)	

▽ : GROUND POINTS

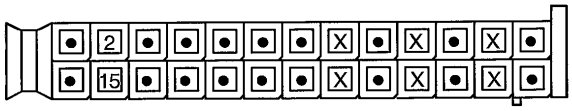
Code	See Page	Ground Points Location
II	114 (LHD)	Left Kick Panel
	132 (RHD)	
IJ	132 (RHD)	Right Kick Panel

⬡ : SPLICE POINTS

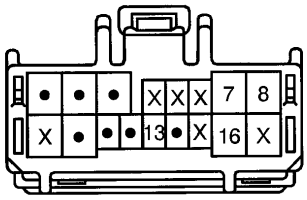
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I7	116 (LHD)	Cowl Wire	I18	134 (RHD)	Engine Room Main Wire
I18	116 (LHD)	Engine Room Main Wire	I19	134 (RHD)	Cowl Wire

HEADLIGHT (w/o DAYTIME RUNNING LIGHT)

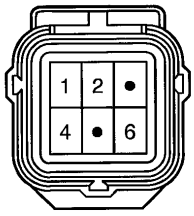
C11 GREEN



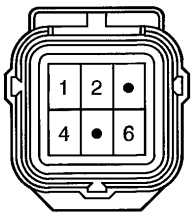
C12



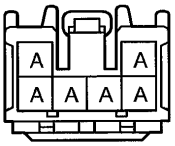
H2 BLACK



H3 BLACK

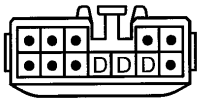


J1



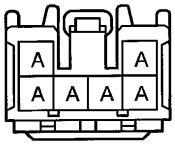
(Hint : See Page 7, 23, 39)

J6 BLACK



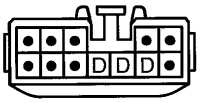
(Hint : See Page 7, 23, 39)

J20



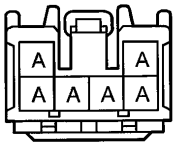
(Hint : See Page 7, 23, 39)

J25

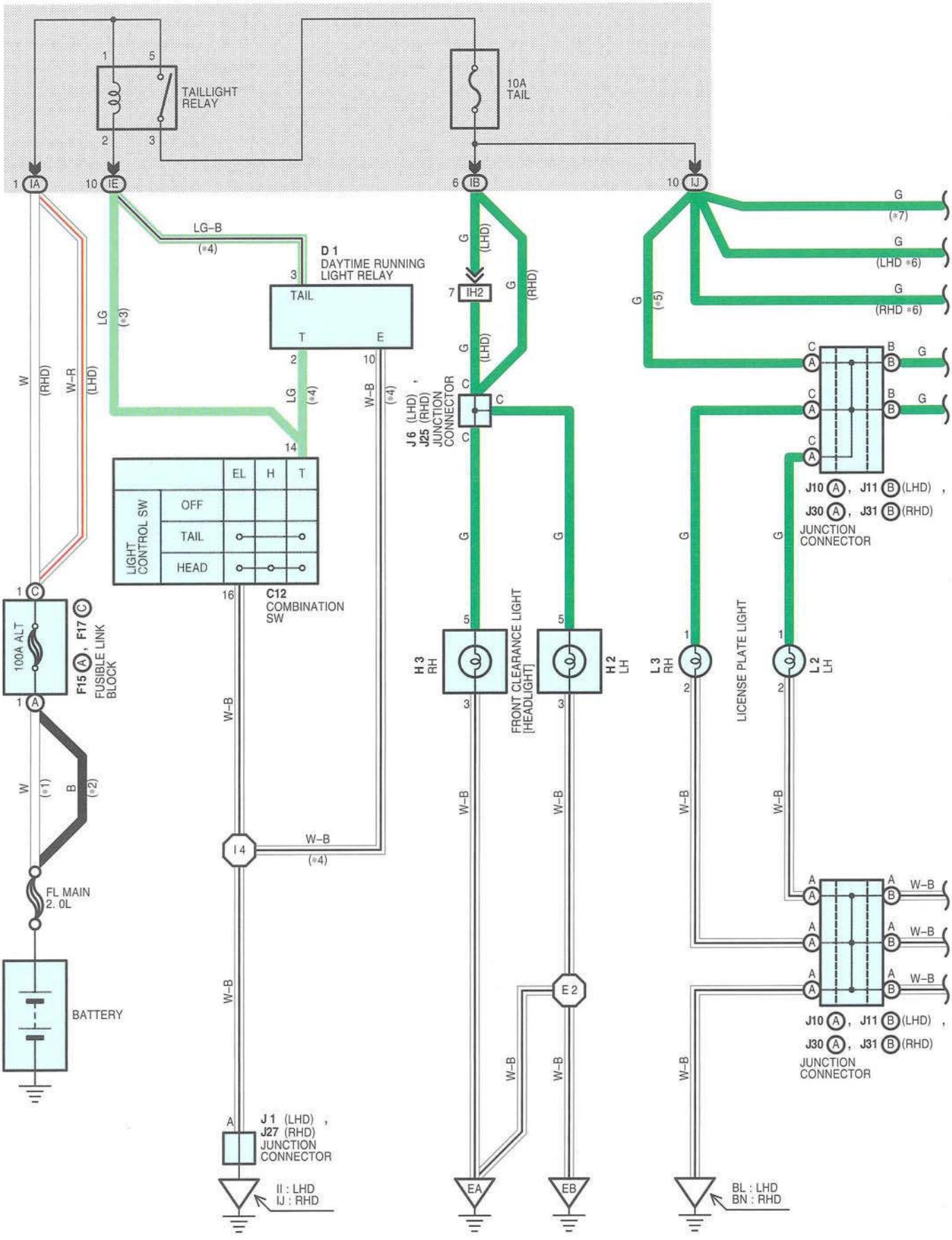


(Hint : See Page 7, 23, 39)

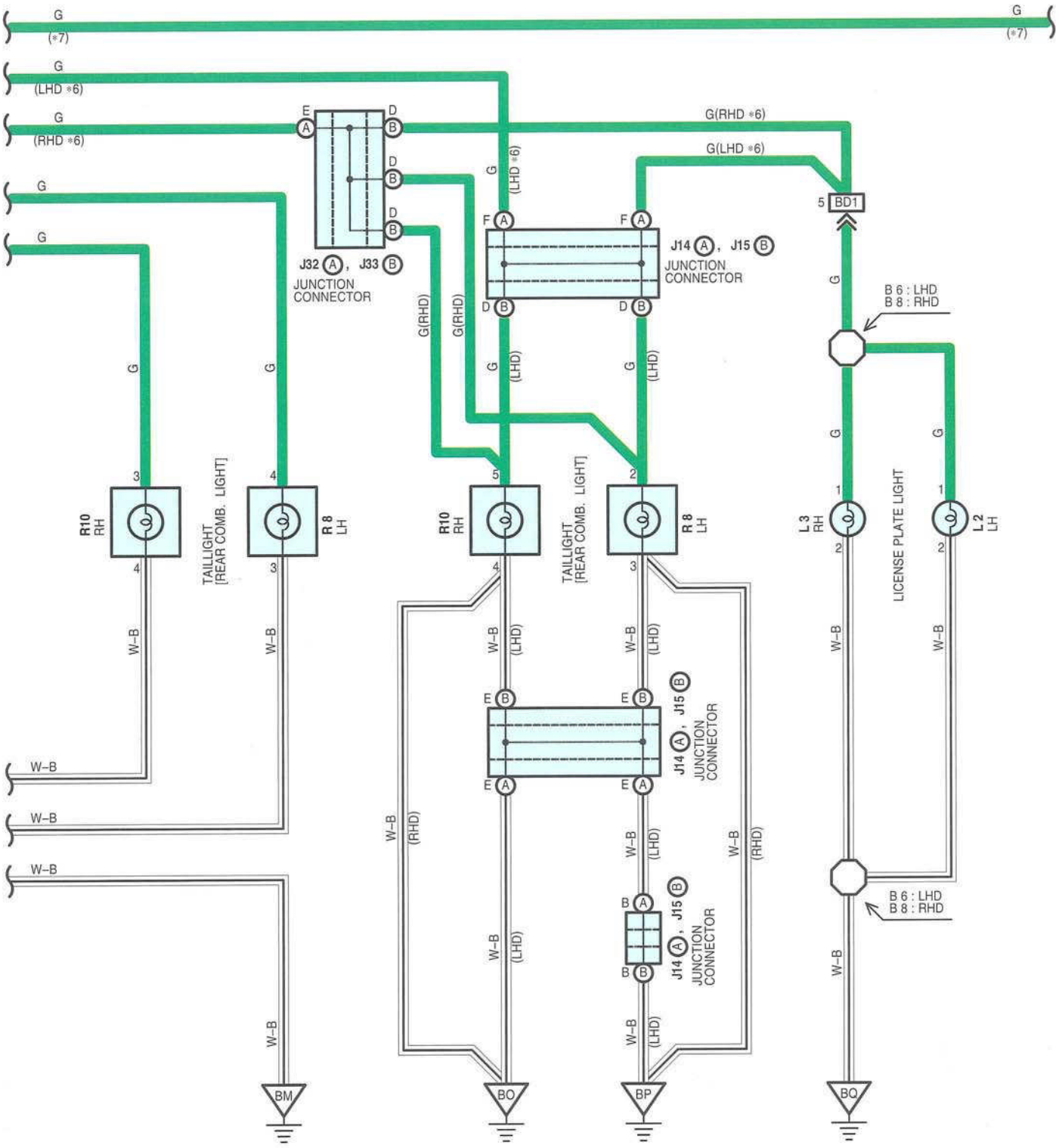
J27



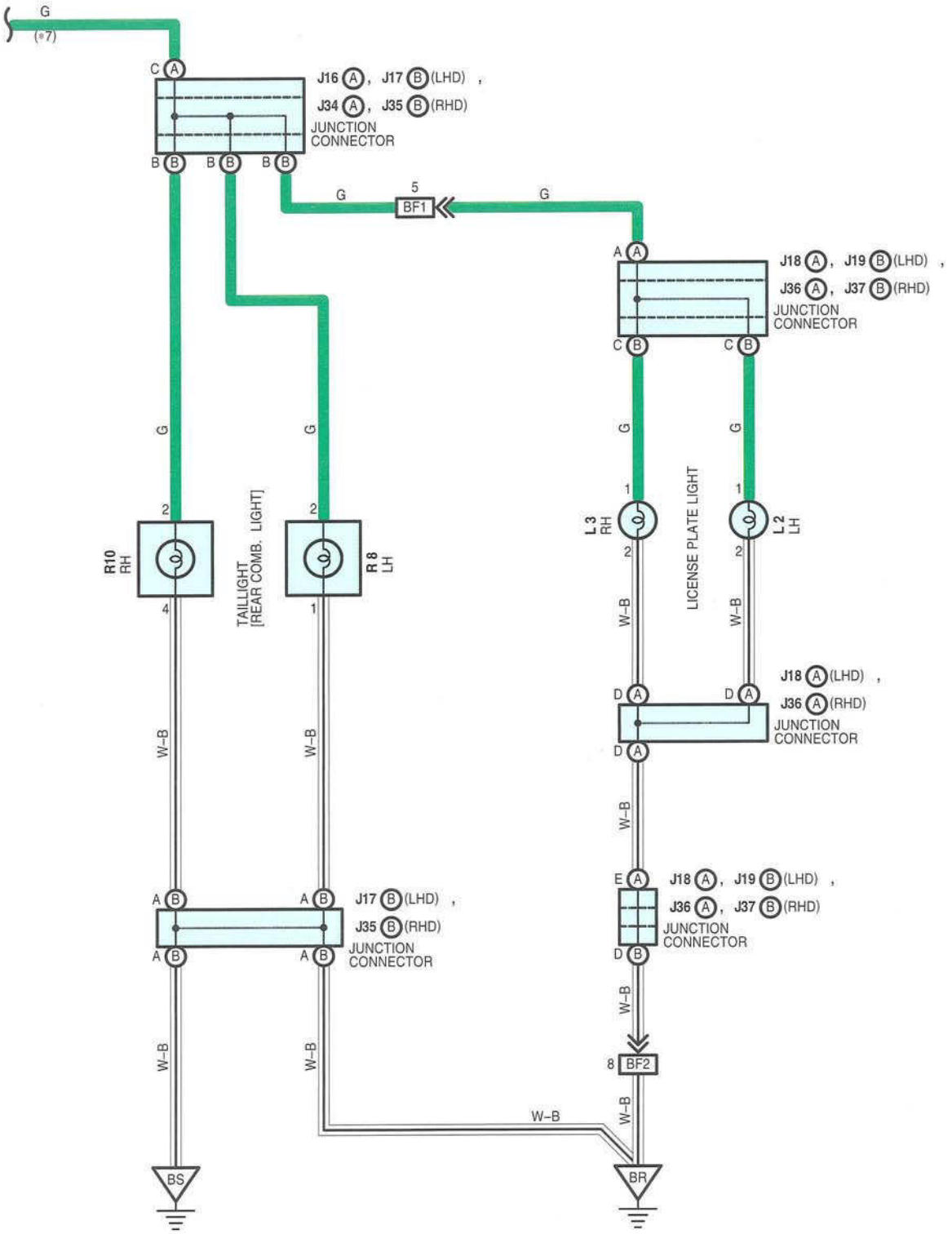
(Hint : See Page 7, 23, 39)


TAILLIGHT RELAY
10A TAIL
1A
1E
6B
10J
LG-B (*4)
D 1 DAYTIME RUNNING LIGHT RELAY
TAIL
T
E
LG (*3)
LG (*4)
W-B (*4)
LIGHT CONTROL SW
EL
H
T
OFF
TAIL
HEAD
C12 COMBINATION SW
100A ALT
F15 A , F17 C FUSIBLE LINK BLOCK
W (RHD)
W-R (LHD)
W (*1)
B (*2)
FL MAIN 2. 0L
BATTERY
W-B
I 4
W-B (*4)
A
J 1 (LHD) , J27 (RHD) JUNCTION CONNECTOR
II : LHD
IJ : RHD
G (LHD)
G (RHD)
IH2
J 6 (LHD) , J25 (RHD) JUNCTION CONNECTOR
H 3 RH
H 2 LH
FRONT CLEARANCE LIGHT [HEADLIGHT]
E 2
EA
EB
G (*5)
G (*7)
G (LHD *6)
G (RHD *6)
J10 A , J11 B (LHD) , J30 A , J31 B (RHD) JUNCTION CONNECTOR
L 3 RH
L 2 LH
LICENSE PLATE LIGHT
BL : LHD
BN : RHD

* 1 : GASOLINE
* 2 : DIESEL
* 3 : W/O DAYTIME RUNNING LIGHT
* 4 : W/ DAYTIME RUNNING LIGHT
* 5 : S/D
* 6 : L/B
* 7 : W/G



*7 : W/G


G
(*7)
C A
J16 A, J17 B (LHD),
J34 A, J35 B (RHD)
JUNCTION CONNECTOR
B B B B B B
G
5
BF1
G
A A
J18 A, J19 B (LHD),
J36 A, J37 B (RHD)
JUNCTION CONNECTOR
C B C B
G
G
1
L3 RH
2
W-B
LICENSE PLATE LIGHT
1
L2 LH
2
W-B
G
G
2
R10 RH
4
TAILLIGHT [REAR COMB. LIGHT]
2
R8 LH
1
W-B
W-B
D A D A
J18 A (LHD),
J36 A (RHD)
JUNCTION CONNECTOR
D A
W-B
E A
J18 A, J19 B (LHD),
J36 A, J37 B (RHD)
JUNCTION CONNECTOR
D B
W-B
A B A B
J17 B (LHD),
J35 B (RHD)
JUNCTION CONNECTOR
A B A B
W-B
W-B
8 BF2
W-B
W-B
BS
BR

SERVICE HINTS

C12 COMBINATION SW

14–16 : Closed with the light control SW at **TAIL** or **HEAD** position

TAILLIGHT RELAY

5–3 : Closed with the light control SW at **TAIL** or **HEAD** position

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code		See Page
C12		76 (LHD)
		94 (RHD)
D1		76 (LHD)
F15	A	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F17	C	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
H2		66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)

Code		See Page
H2		90 (RHD *B)
		92 (RHD 2C-TE)
H3		66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
J1		78 (LHD)
J6		78 (LHD)
J10	A	80 (LHD S/D)
J11	B	80 (LHD S/D)
J14	A	82 (LHD L/B)
J15	B	82 (LHD L/B)
J16	A	84 (LHD W/G)
J17	B	84 (LHD W/G)
J18	A	84 (LHD W/G)
J19	B	84 (LHD W/G)
J25		96 (RHD)
J27		96 (RHD)
J30	A	98 (RHD S/D)
J31	B	98 (RHD S/D)
J32	A	100 (RHD L/B)
J33	B	100 (RHD L/B)
J34	A	102 (RHD W/G)

Code		See Page
J35	B	102 (RHD W/G)
J36	A	102 (RHD W/G)
J37	B	102 (RHD W/G)
L2		80 (LHD S/D)
		82 (LHD L/B)
		84 (LHD W/G)
		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
L3		80 (LHD S/D)
		82 (LHD L/B)
		84 (LHD W/G)
		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
R8		80 (LHD S/D)
		82 (LHD L/B)
		84 (LHD W/G)
		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
R10		80 (LHD S/D)
		82 (LHD L/B)
		84 (LHD W/G)
		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IA	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IE	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
BD1	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
	138 (RHD L/B)	
BF1	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	
BF2	122 (LHD W/G)	
	140 (RHD W/G)	

▽ : GROUND POINTS

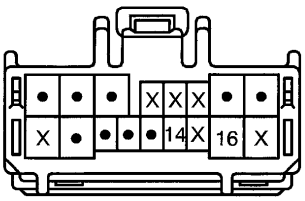
Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
II	114 (LHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel
BL	118 (LHD S/D)	Left Quarter Pillar
BM	118 (LHD S/D)	Back Panel Center
	136 (RHD S/D)	
BN	136 (RHD S/D)	Right Quarter Pillar
BO	120 (LHD L/B)	Under the Left Quarter Pillar
	138 (RHD L/B)	
BP	120 (LHD L/B)	Back Panel Center
	138 (RHD L/B)	
BQ	120 (LHD L/B)	Back Door Center
	138 (RHD L/B)	
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	
BS	122 (LHD W/G)	Rear Quarter Panel RH
	140 (RHD W/G)	

: **SPLICE POINTS**

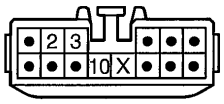
* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	E2	126 (RHD *A)	Engine Room Main Wire
	106 (LHD *A)			128 (RHD *B)	
	108 (LHD *B)			130 (RHD 2C-TE)	
	110 (LHD 2C-TE)		I4	116 (LHD)	Cowl Wire
	112 (LHD 2C-T)		B6	120 (LHD L/B)	Back Door No.1 Wire
	124 (RHD 3S-FE)		B8	138 (RHD L/B)	

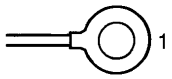
C12



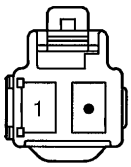
D1 BLUE



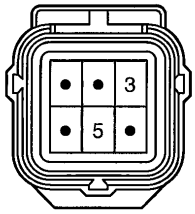
F15 (A)



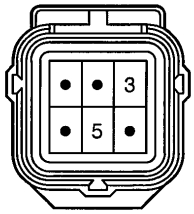
F17 (C) BLUE



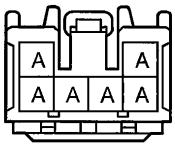
H2 BLACK



H3 BLACK

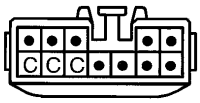


J1



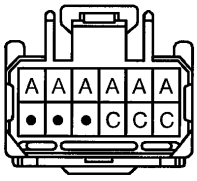
(Hint : See Page 7, 23, 39)

J6 BLACK



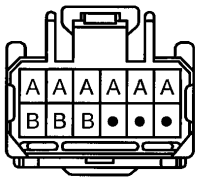
(Hint : See Page 7, 23, 39)

J10 (A) GRAY



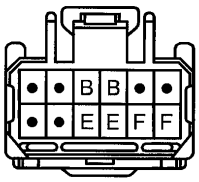
(Hint : See Page 7, 23, 39)

J11 (B) GRAY



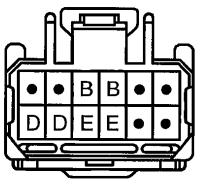
(Hint : See Page 7, 23, 39)

J14 (A)



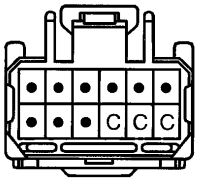
(Hint : See Page 7, 23, 39)

J15 (B)



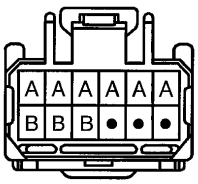
(Hint : See Page 7, 23, 39)

J16 (A) GRAY



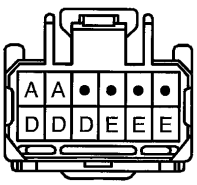
(Hint : See Page 7, 23, 39)

J17 (B) GRAY



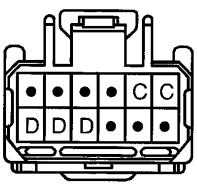
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



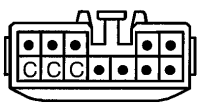
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



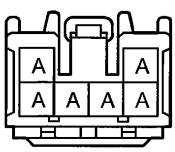
(Hint : See Page 7, 23, 39)

J25 BLACK



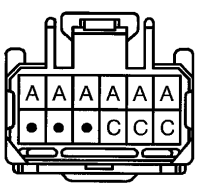
(Hint : See Page 7, 23, 39)

J27



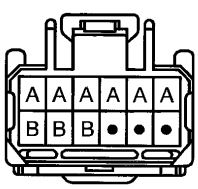
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



(Hint : See Page 7, 23, 39)

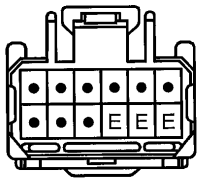
J31 (B) GARY



(Hint : See Page 7, 23, 39)

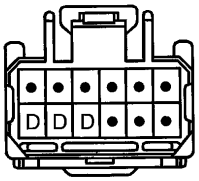
TAILLIGHT

J32 (A) BLACK



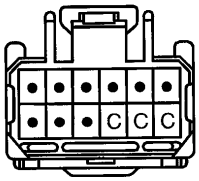
(Hint : See Page 7, 23, 39)

J33 (B) BLACK



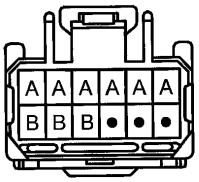
(Hint : See Page 7, 23, 39)

J34 (A) GRAY



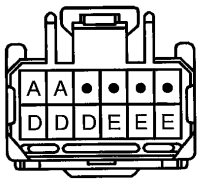
(Hint : See Page 7, 23, 39)

J35 (B) GRAY



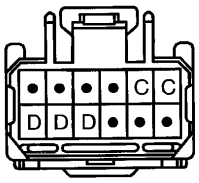
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



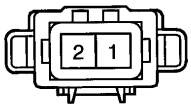
(Hint : See Page 7, 23, 39)

J37 (B) BLACK

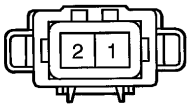


(Hint : See Page 7, 23, 39)

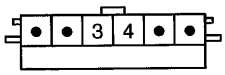
L2 BLACK



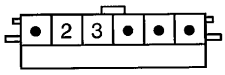
L3 BLACK



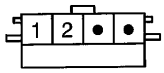
(S/D) R8 BLACK



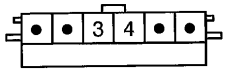
(L/B) R8 BLACK



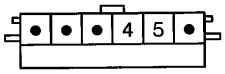
(W/G) R8 BLACK



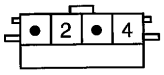
(S/D) R10 BLACK



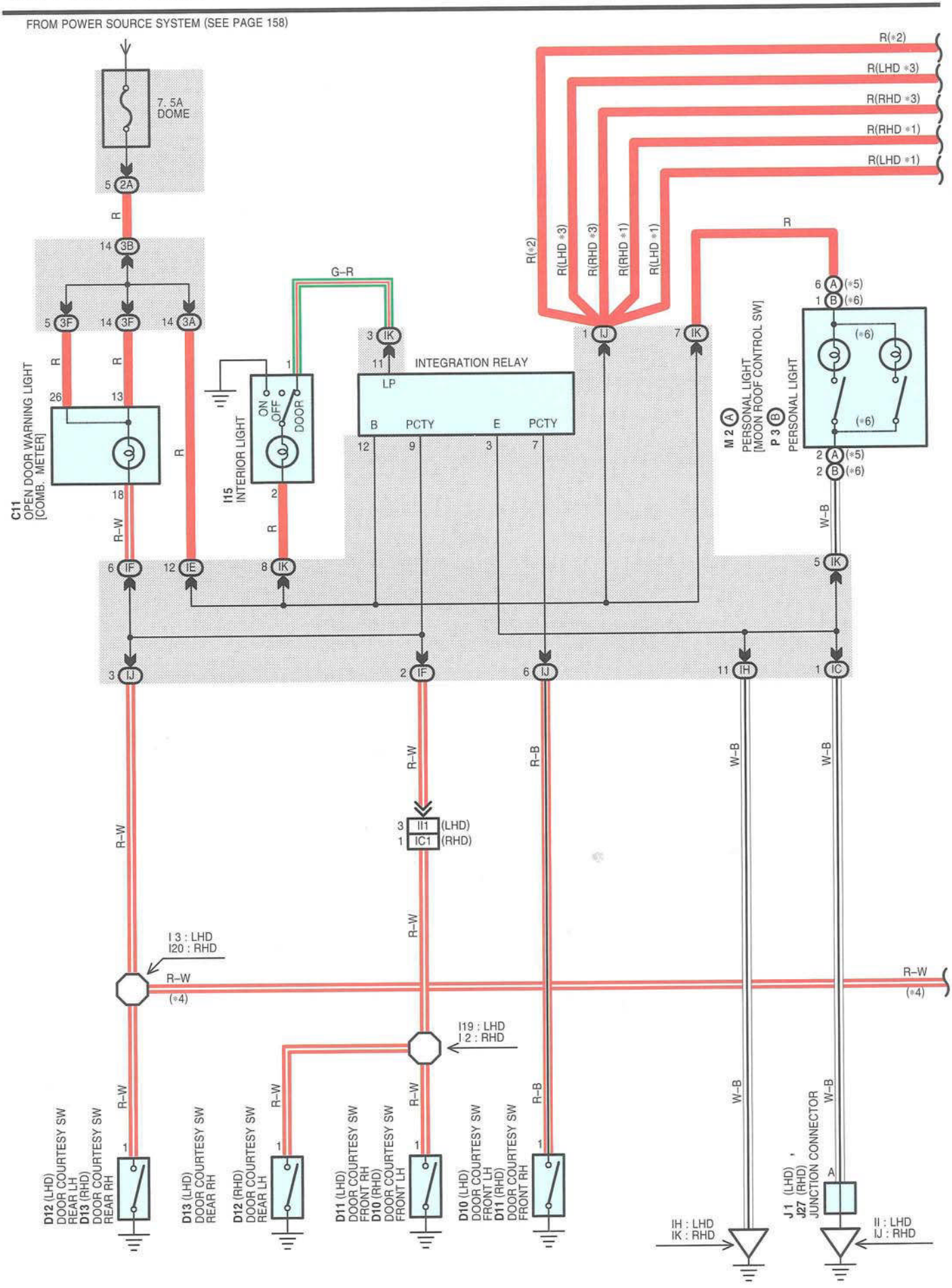
(L/B) R10 BLACK

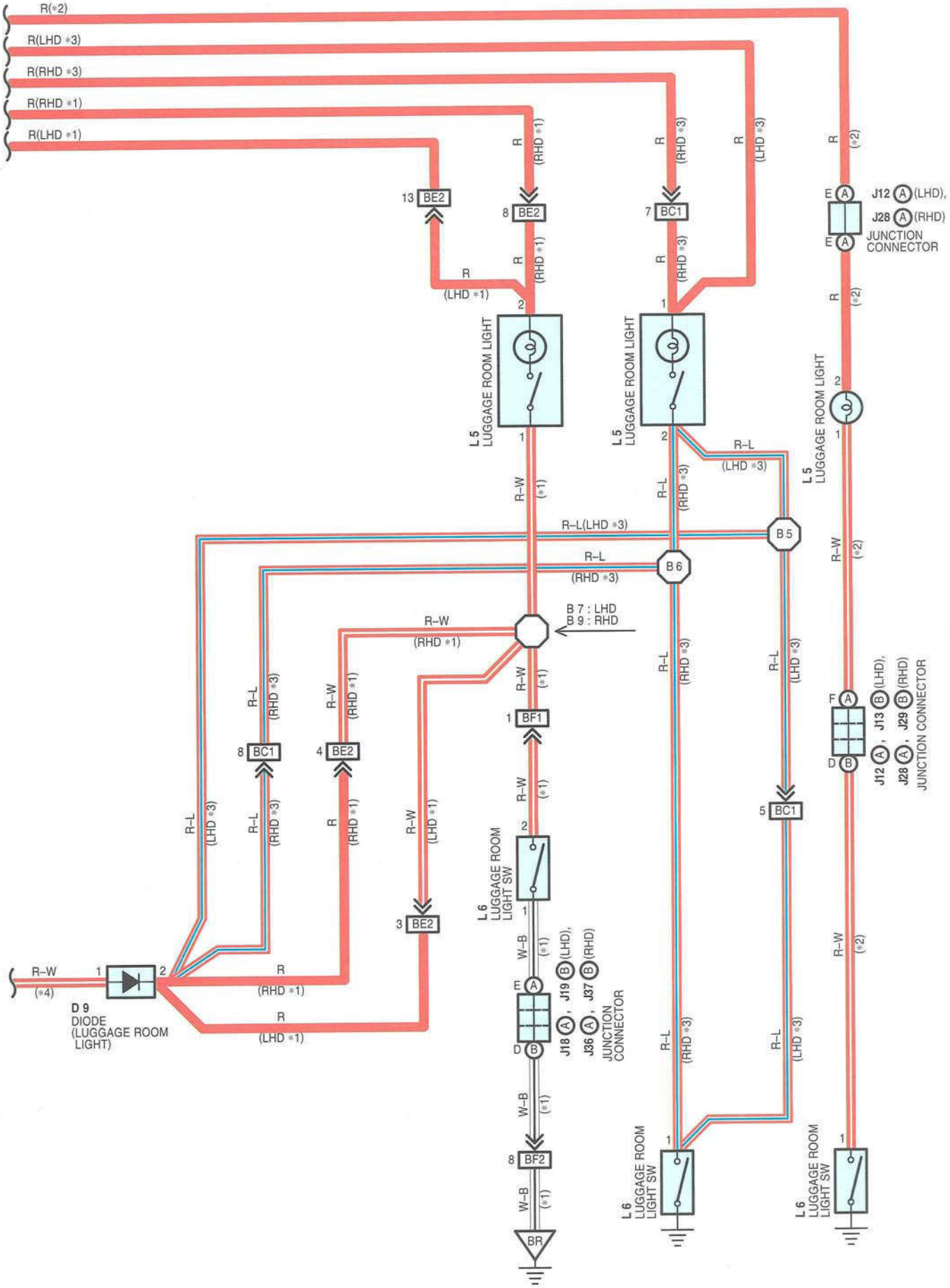


(W/G) R10 BLACK



INTERIOR LIGHT




R(＊2)
R(LHD ＊3)
R(RHD ＊3)
R(RHD ＊1)
R(LHD ＊1)
13 BE2
8 BE2
7 BC1
E A J12 A (LHD), J28 A (RHD) JUNCTION CONNECTOR E A
L5 LUGGAGE ROOM LIGHT
R–W (＊1)
R–L (RHD ＊3)
R–L (LHD ＊3)
R–L(LHD ＊3)
B 5
B 6
B 7 : LHD
B 9 : RHD
R–W (RHD ＊1)
8 BC1
4 BE2
1 BF1
3 BE2
L6 LUGGAGE ROOM LIGHT SW
W–B (＊1)
E A J18 A , J19 B (LHD), J36 A , J37 B (RHD) JUNCTION CONNECTOR D B
8 BF2
BR
5 BC1
F A J13 B (LHD), J29 B (RHD) J12 A , J28 A , JUNCTION CONNECTOR D B
R–W (＊4)
D 9 DIODE (LUGGAGE ROOM LIGHT)
R (RHD ＊1)
R (LHD ＊1)

INTERIOR LIGHT

SERVICE HINTS

D10, D11, D12, D13 DOOR COURTESY SW FRONT LH, RH, REAR LH, RH

1-GROUND : Closed with the door open

L6 LUGGAGE ROOM LIGHT SW

1-GROUND : Closed with the luggage compartment door open (S/D)
1-GROUND : Closed with the back door open (L/B)
2-1 : Closed with the back door open (W/G)

O : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C11	76 (LHD)	D13	80 (LHD S/D)	L5	84 (LHD W/G)
	94 (RHD)		82 (LHD L/B)		98 (RHD S/D)
D9	82 (LHD L/B)		84 (LHD W/G)		100 (RHD L/B)
	84 (LHD W/G)		98 (RHD S/D)		102 (RHD W/G)
	100 (RHD L/B)		100 (RHD L/B)	L6	80 (LHD S/D)
	102 (RHD W/G)		102 (RHD W/G)		82 (LHD L/B)
D10	80 (LHD S/D)	I15	80 (LHD S/D)		84 (LHD W/G)
	82 (LHD L/B)		82 (LHD L/B)		98 (RHD S/D)
	84 (LHD W/G)		84 (LHD W/G)		100 (RHD L/B)
	98 (RHD S/D)		98 (RHD S/D)		102 (RHD W/G)
	100 (RHD L/B)		100 (RHD L/B)	M2 A	80 (LHD S/D)
	102 (RHD W/G)		102 (RHD W/G)		82 (LHD L/B)
D11	80 (LHD S/D)	J1	78 (LHD)		84 (LHD W/G)
	82 (LHD L/B)	J12 A	80 (LHD S/D)		98 (RHD S/D)
	84 (LHD W/G)	J13 B	80 (LHD S/D)		100 (RHD L/B)
	98 (RHD S/D)	J18 A	84 (LHD W/G)		102 (RHD W/G)
	100 (RHD L/B)	J19 B	84 (LHD W/G)	P3 B	80 (LHD S/D)
	102 (RHD W/G)	J27	96 (RHD)		82 (LHD L/B)
D12	80 (LHD S/D)	J28 A	98 (RHD S/D)		84 (LHD W/G)
	82 (LHD L/B)	J29 B	98 (RHD S/D)		98 (RHD S/D)
	84 (LHD W/G)	J36 A	102 (RHD W/G)		100 (RHD L/B)
	98 (RHD S/D)	J37 B	102 (RHD W/G)		102 (RHD W/G)
	100 (RHD L/B)	L5	80 (LHD S/D)		
	102 (RHD W/G)		82 (LHD L/B)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
IK	59	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
II1	116 (LHD)	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
BC1	120 (LHD L/B)	Floor Wire and Floor Wire (Under the Left Qurter Pillar)
	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF1	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	
BF2	122 (LHD W/G)	
	140 (RHD W/G)	

: GROUND POINTS

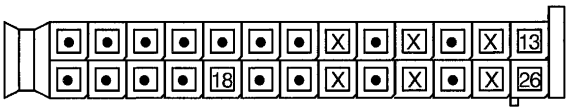
Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	116 (LHD)	Cowl Wire	I20	134 (RHD)	Floor Wire
	134 (RHD)	Floor No.2 Wire	B5	120 (LHD L/B)	
I3	116 (LHD)	Floor Wire	B6	138 (RHD L/B)	
	134 (RHD)	Engine Wire	B7	122 (LHD W/G)	Roof No.3 Wire
I19	116 (LHD)	Floor No.2 Wire	B9	140 (LHD W/G)	

INTERIOR LIGHT

C11 GREEN



D9 BLACK



D10



D11



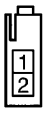
D12



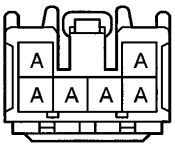
D13



I15

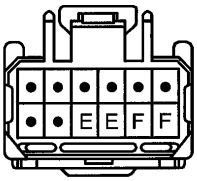


J1



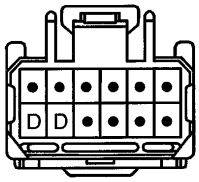
(Hint : See Page 7, 23, 39)

J12 (A)



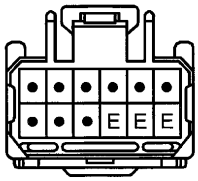
(Hint : See Page 7, 23, 39)

J13 (B)



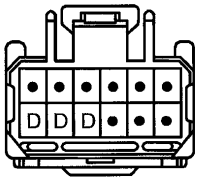
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



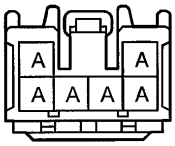
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



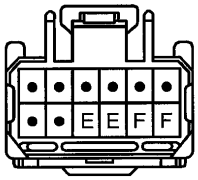
(Hint : See Page 7, 23, 39)

J27



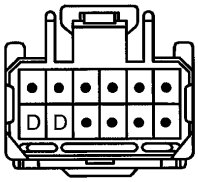
(Hint : See Page 7, 23, 39)

J28 (A)



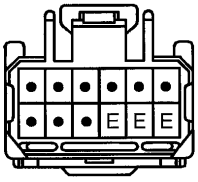
(Hint : See Page 7, 23, 39)

J29 (B)



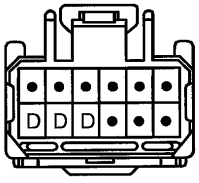
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



(Hint : See Page 7, 23, 39)

J37 (B) BLACK



(Hint : See Page 7, 23, 39)

(S/D) L5



(L/B) L5



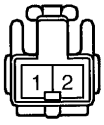
(W/G) L5



(S/D, L/B) L6 GRAY



(W/G) L6



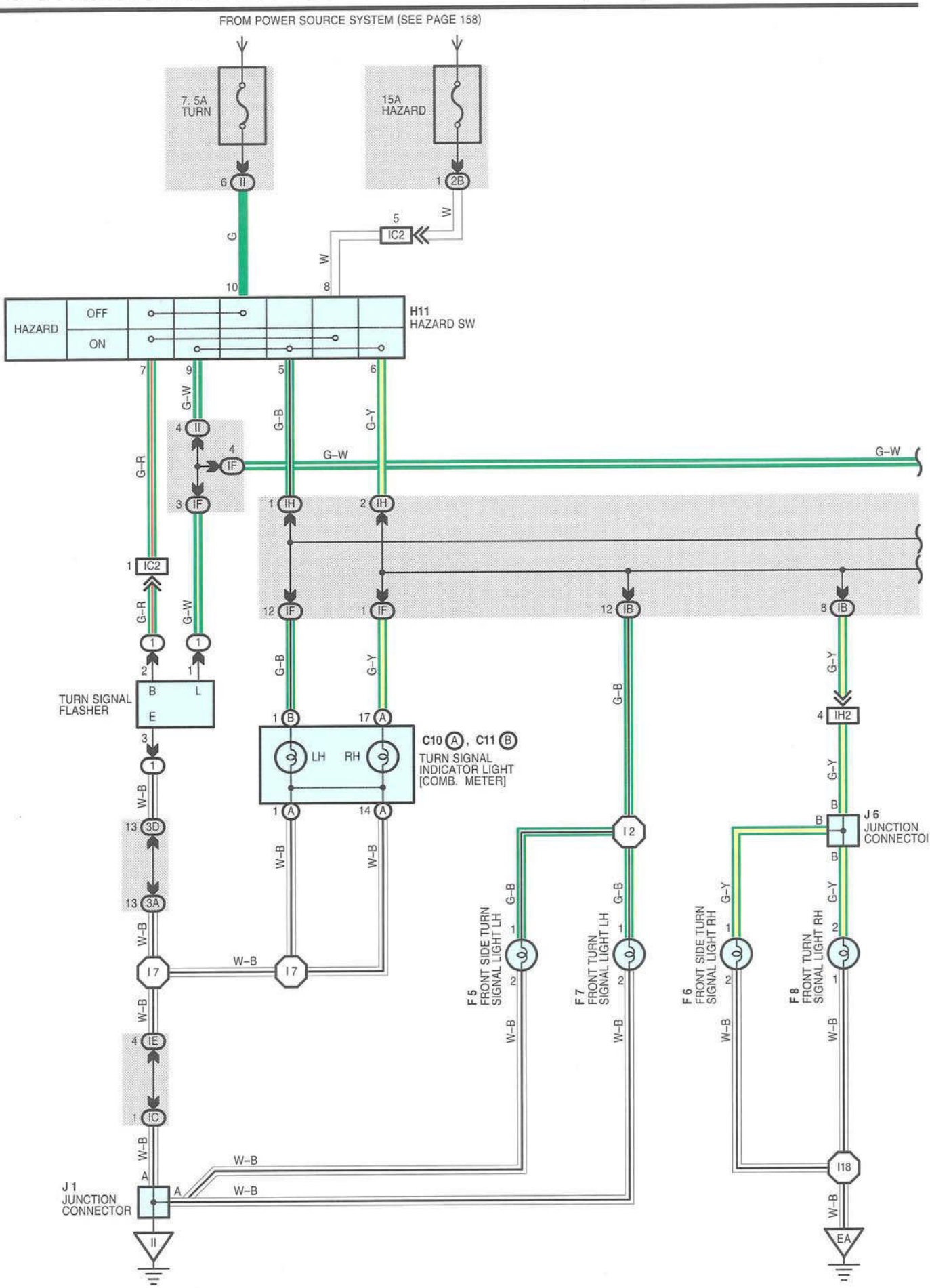
M2 (A)

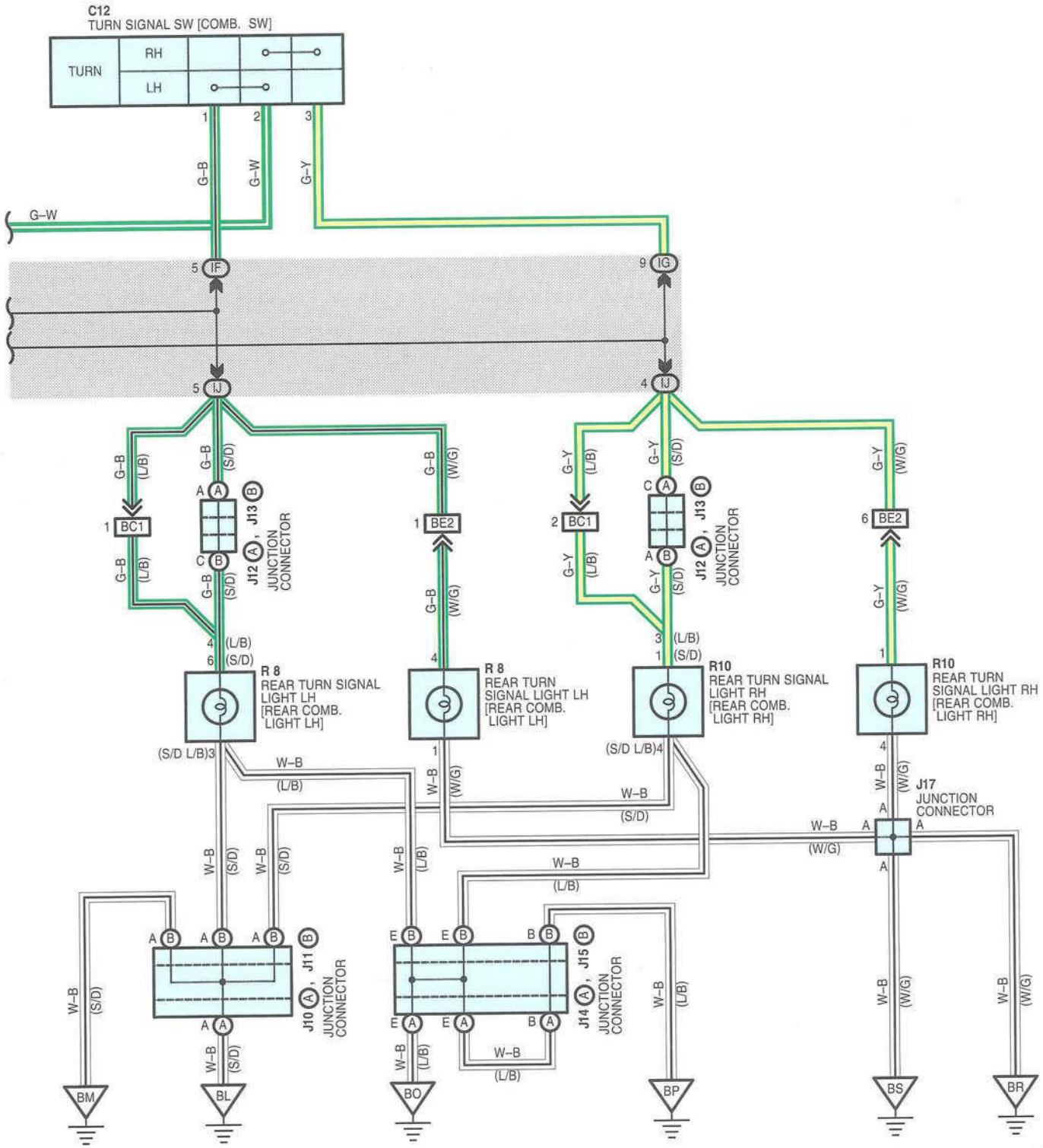


P3 (B) GRAY



TURN SIGNAL AND HAZARD WARNING LIGHT (LHD)




C12
TURN SIGNAL SW [COMB. SW]
TURN
RH
LH
1
2
3
G-B
G-W
G-Y
G-W
5 IF
9 IG
5 IJ
4 IJ
G-B (L/B)
G-B (S/D)
G-B (W/G)
G-Y (L/B)
G-Y (S/D)
G-Y (W/G)
1 BC1
2 BC1
1 BE2
6 BE2
J12 A, J13 B
JUNCTION CONNECTOR
4 (L/B)
6 (S/D)
3 (L/B)
1 (S/D)
R 8
REAR TURN SIGNAL LIGHT LH [REAR COMB. LIGHT LH]
R10
REAR TURN SIGNAL LIGHT RH [REAR COMB. LIGHT RH]
(S/D L/B)3
(S/D L/B)4
W-B (L/B)
W-B (S/D)
W-B (W/G)
J17
JUNCTION CONNECTOR
J10 A, J11 B
J14 A, J15 B
BM
BL
BO
BP
BS
BR

TURN SIGNAL AND HAZARD WARNING LIGHT (LHD)

SERVICE HINTS

TURN SIGNAL FLASHER

2-GROUND : Approx. **12** volts with the ignition SW on or the hazard SW on
1-GROUND : Changes from **12** to **0** volts with the ignition SW on and the turn signal SW **LH** or **RH** position, or with the hazard SW on
3-GROUND : Always continuity

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C10 A	76 (LHD)	F7	66 (LHD 3S-FE)	J10 A	80 (LHD S/D)
C11 B	76 (LHD)		68 (LHD *A)	J11 B	80 (LHD S/D)
C12	76 (LHD)		70 (LHD *B)	J12 A	80 (LHD S/D)
F5	66 (LHD 3S-FE)		72 (LHD 2C-TE)	J13 B	80 (LHD S/D)
	68 (LHD *A)		74 (LHD 2C-T)	J14 A	82 (LHD L/B)
	70 (LHD *B)	F8	66 (LHD 3S-FE)	J15 B	82 (LHD L/B)
	72 (LHD 2C-TE)		68 (LHD *A)	J17	84 (LHD W/G)
	74 (LHD 2C-T)		70 (LHD *B)	R8	80 (LHD S/D)
F6	66 (LHD 3S-FE)		72 (LHD 2C-TE)		82 (LHD L/B)
	68 (LHD *A)		74 (LHD 2C-T)		84 (LHD W/G)
	70 (LHD *B)	H11	78 (LHD)	R10	80 (LHD S/D)
	72 (LHD 2C-TE)	J1	78 (LHD)		82 (LHD L/B)
	74 (LHD 2C-T)	J6	78 (LHD)		84 (LHD W/G)

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	53 (LHD)	Driver Side R/B (Left Kick Panel)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3D		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
BC1	120 (LHD L/B)	Floor Wire and Floor Wire Under the (Left Qurter Pillar)
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)

▽ : GROUND POINTS

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

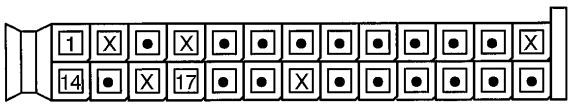
Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
II	114 (LHD)	Left Kick Panel
BL	118 (LHD S/D)	Left Quarter Pillar
BM	118 (LHD S/D)	Back Panel Center
BO	120 (LHD L/B)	Under the Left Quarter Pillar
BP	120 (LHD L/B)	Back Panel Center
BR	122 (LHD W/G)	Rear Quarter Panel LH
BS	122 (LHD W/G)	Rear Quarter Panel RH

○ : SPLICE POINTS

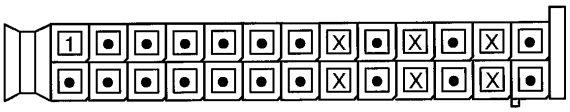
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	116 (LHD)	Cowl Wire	I18	116 (LHD)	Engine Room Main Wire
I7					

TURN SIGNAL AND HAZARD WARNING LIGHT (LHD)

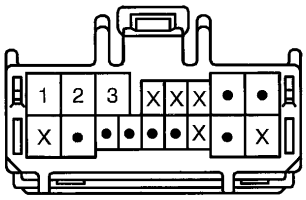
C10 (A) BLACK



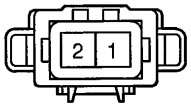
C11 (B) GREEN



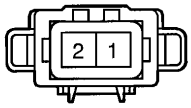
C12



F5 BLACK



F6 BLACK



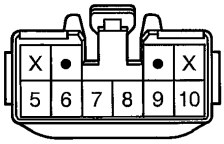
F7 BLACK



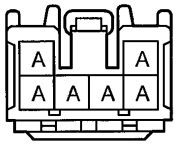
F8 BLACK



H11 BLACK

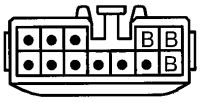


J1



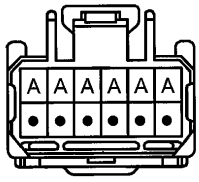
(Hint : See Page 7, 23, 39)

J6 BLACK



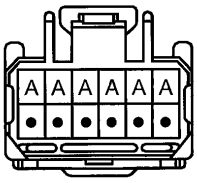
(Hint : See Page 7, 23, 39)

J10 (A) GRAY



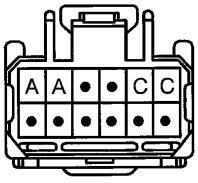
(Hint : See Page 7, 23, 39)

J11 (B) GRAY



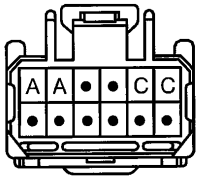
(Hint : See Page 7, 23, 39)

J12 (A)



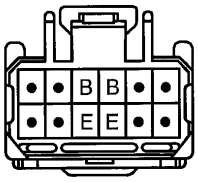
(Hint : See Page 7, 23, 39)

J13 (B)



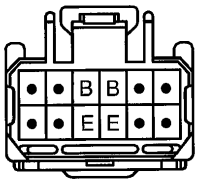
(Hint : See Page 7, 23, 39)

J14 (A)



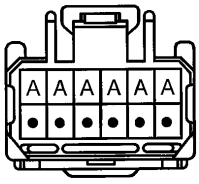
(Hint : See Page 7, 23, 39)

J15 (B)



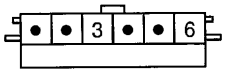
(Hint : See Page 7, 23, 39)

J17 GRAY

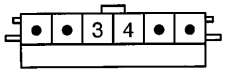


(Hint : See Page 7, 23, 39)

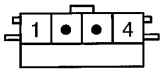
(S/D) R8 BLACK



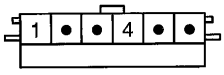
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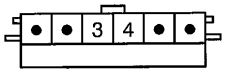
(W/G) R8 BLACK



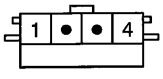
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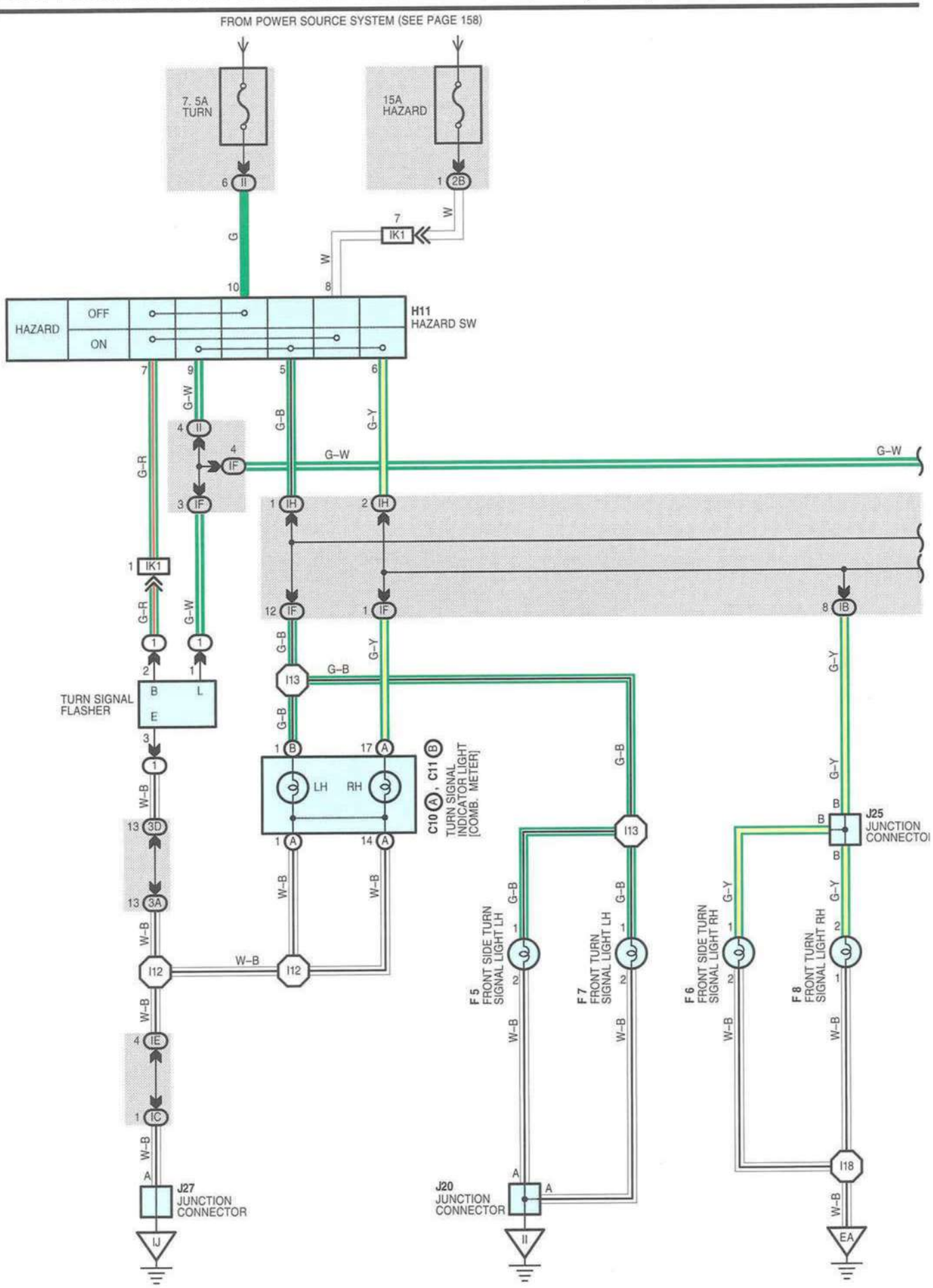
(L/B) R10 BLACK

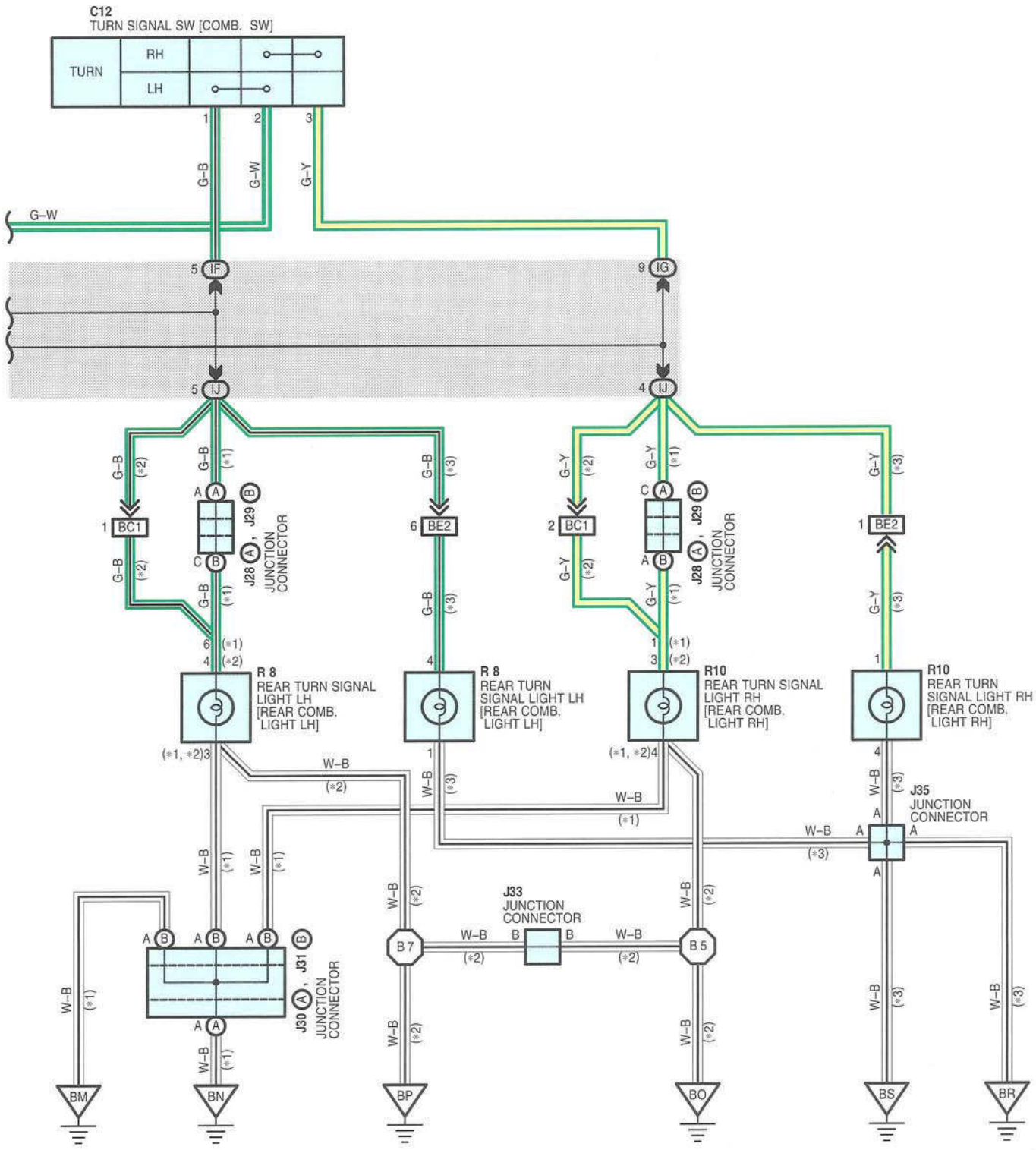


(W/G) R10 BLACK



TURN SIGNAL AND HAZARD WARNING LIGHT (RHD)




C12
TURN SIGNAL SW [COMB. SW]
TURN
RH
LH
1
2
3
G-B
G-W
G-Y
G-W
5 IF
9 IG
5 IJ
4 IJ
1 BC1
6 BE2
2 BC1
1 BE2
J28 , J29 JUNCTION CONNECTOR
J28 , J29 JUNCTION CONNECTOR
R 8
REAR TURN SIGNAL LIGHT LH [REAR COMB. LIGHT LH]
R 8
REAR TURN SIGNAL LIGHT LH [REAR COMB. LIGHT LH]
R10
REAR TURN SIGNAL LIGHT RH [REAR COMB. LIGHT RH]
R10
REAR TURN SIGNAL LIGHT RH [REAR COMB. LIGHT RH]
(*1, *2)3
(*1, *2)4
W-B
(*1)
(*2)
(*3)
J35
JUNCTION CONNECTOR
J33
JUNCTION CONNECTOR
B 7
B 5
J30 , J31 JUNCTION CONNECTOR
BM
BN
BP
BO
BS
BR

TURN SIGNAL AND HAZARD WARNING LIGHT (RHD)

SERVICE HINTS

TURN SIGNAL FLASHER

2-GROUND : Approx. **12** volts with the ignition SW on or the hazard SW on
1-GROUND : Changes from **12** to **0** volts with the ignition SW on and the turn signal SW **LH** or **RH** position, or with the hazard SW on
3-GROUND : Always continuity

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C10 A	94 (RHD)	F7	88 (RHD *A)	J29 B	98 (RHD S/D)
C11 B	94 (RHD)		90 (RHD *B)	J30 A	98 (RHD S/D)
C12	94 (RHD)		92 (RHD 2C-TE)	J31 B	98 (RHD S/D)
F5	86 (RHD 3S-FE)	F8	86 (RHD 3S-FE)	J33	100 (RHD L/B)
	88 (RHD *A)		88 (RHD *A)	J35	102 (RHD W/G)
	90 (RHD *B)		90 (RHD *B)	R8	98 (RHD S/D)
	92 (RHD 2C-TE)		92 (RHD 2C-TE)		100 (RHD L/B)
F6	86 (RHD 3S-FE)	H11	96 (RHD)		102 (RHD W/G)
	88 (RHD *A)	J20	96 (RHD)	R10	98 (RHD S/D)
	90 (RHD *B)	J25	96 (RHD)		100 (RHD L/B)
	92 (RHD 2C-TE)	J27	96 (RHD)		102 (RHD W/G)
F7	86 (RHD 3S-FE)	J28 A	98 (RHD S/D)		

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	53 (RHD)	Driver Side R/B (Right Kick Panel)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
BC1	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BE2	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)

: GROUND POINTS

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

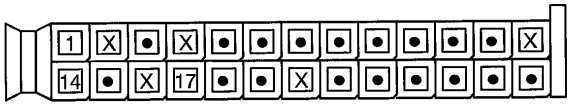
Code	See Page	Ground Points Location
EA	124 (RHD 3S-FE)	Under the Headlight RH
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
II	132 (RHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel
BM	136 (RHD S/D)	Back Panel Center
BN	136 (RHD S/D)	Right Quarter Pillar
BO	138 (RHD L/B)	Under the Left Quarter Pillar
BP	138 (RHD L/B)	Back Panel Center
BR	140 (RHD W/G)	Rear Quarter Panel LH
BS	140 (RHD W/G)	Rear Quarter Panel RH

: SPLICE POINTS

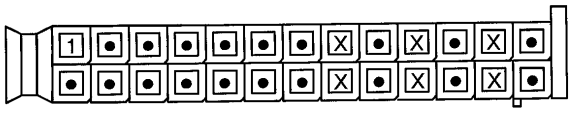
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I12	134 (RHD)	Cowl Wire	B5	138 (RHD L/B)	Floor Wire
I13			B7		
I18	134 (RHD)	Engine Room Main Wire			

TURN SIGNAL AND HAZARD WARNING LIGHT (RHD)

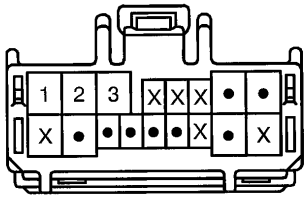
C10 (A) BLACK



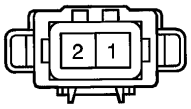
C11 (B) GREEN



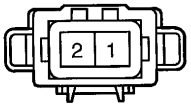
C12



F5 BLACK



F6 BLACK



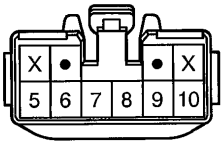
F7 BLACK



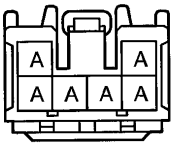
F8 BLACK



H11 BLACK

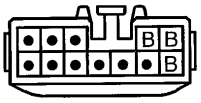


J20



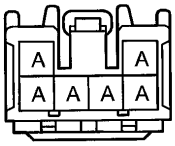
(Hint : See Page 7, 23, 39)

J25 BLACK



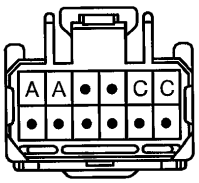
(Hint : See Page 7, 23, 39)

J27



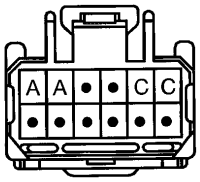
(Hint : See Page 7, 23, 39)

J28 (A)



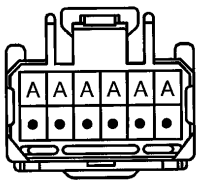
(Hint : See Page 7, 23, 39)

J29 (B)



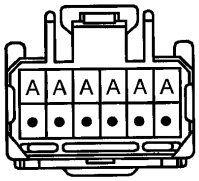
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



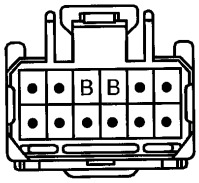
(Hint : See Page 7, 23, 39)

J31 (B) GRAY



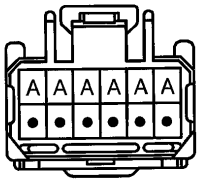
(Hint : See Page 7, 23, 39)

J33 BLACK



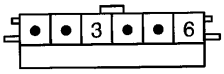
(Hint : See Page 7, 23, 39)

J35 GRAY

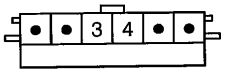


(Hint : See Page 7, 23, 39)

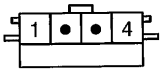
(S/D) R8 BLACK



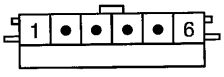
(L/B) R8 BLACK



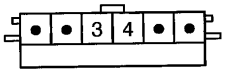
(W/G) R8 BLACK



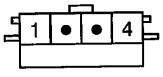
(S/D) R10 BLACK



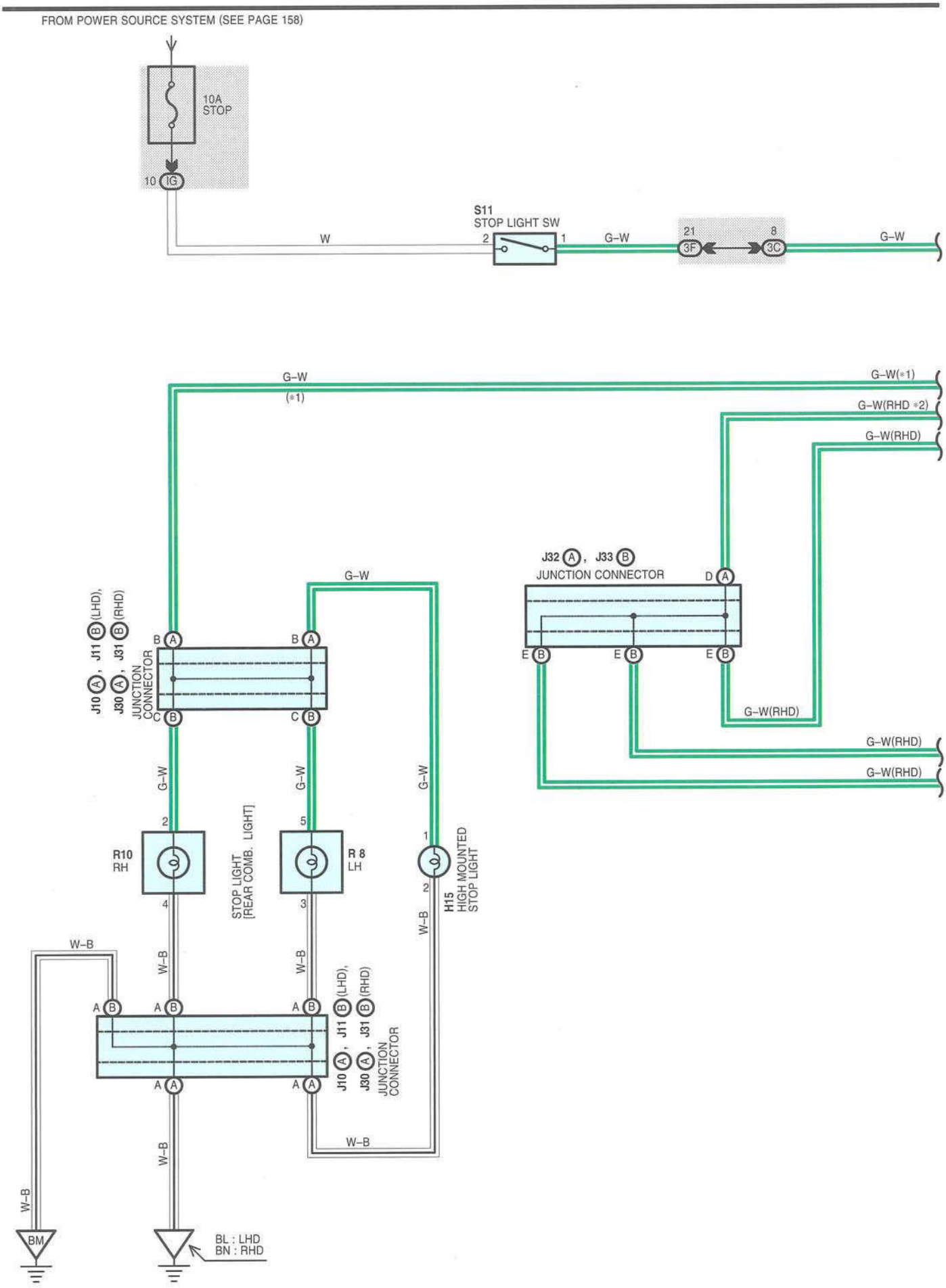
(L/B) R10 BLACK



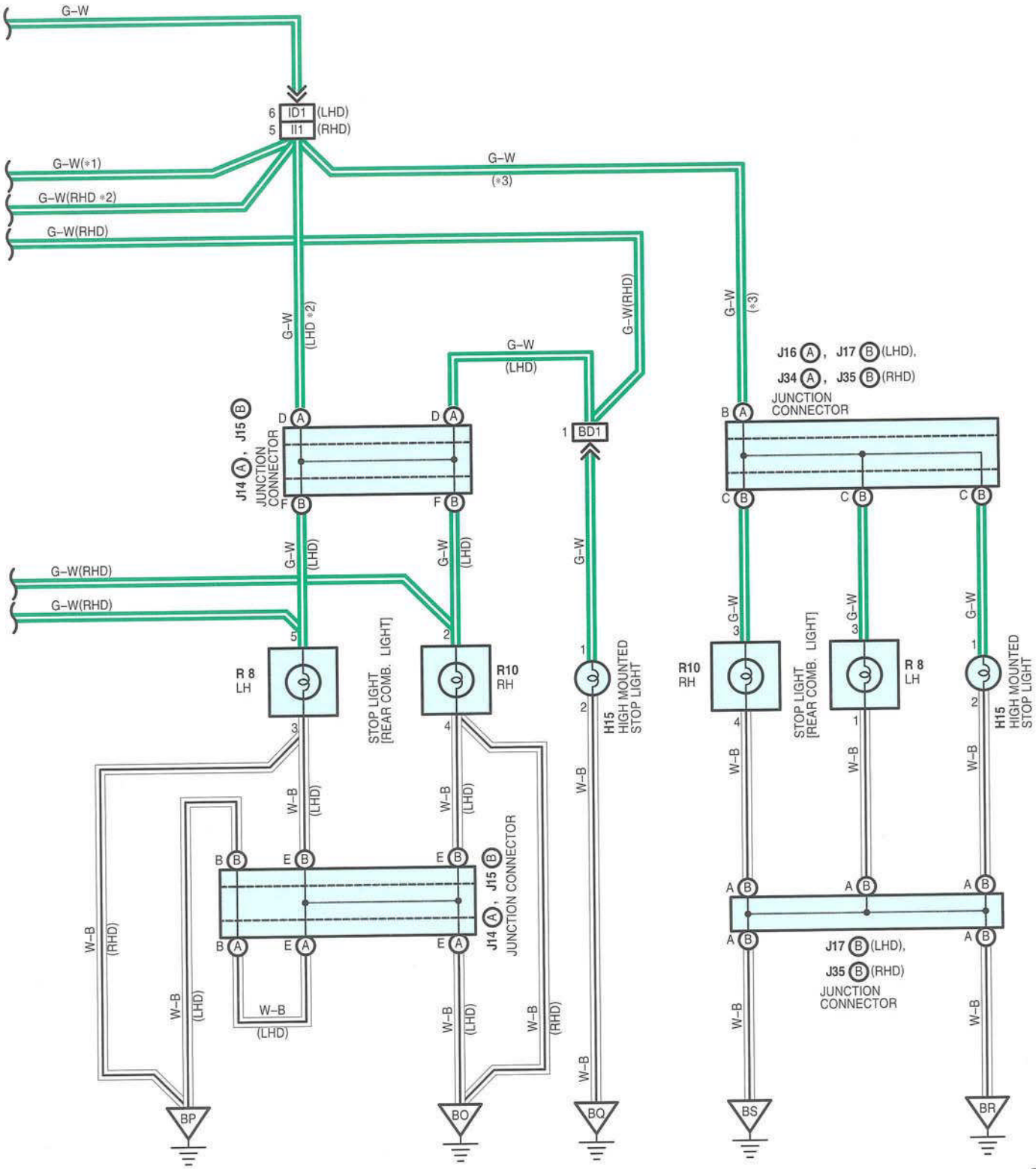
(W/G) R10 BLACK



STOP LIGHT


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
10A
STOP
10
IG
S11
STOP LIGHT SW
W
2
1
G-W
21
3F
8
3C
G-W
G-W
(*1)
G-W(*1)
G-W(RHD *2)
G-W(RHD)
J32 A , J33 B
JUNCTION CONNECTOR
D A
E B
E B
E B
G-W(RHD)
G-W(RHD)
G-W(RHD)
G-W
J10 A , J30 A , J11 B (LHD), J31 B (RHD)
JUNCTION CONNECTOR
B A
C B
B A
C B
G-W
G-W
G-W
2
5
1
R10
RH
R 8
LH
H15
HIGH MOUNTED
STOP LIGHT
STOP LIGHT
[REAR COMB. LIGHT]
4
3
2
W-B
W-B
W-B
W-B
W-B
W-B
A B
A B
A B
A A
A A
J10 A , J30 A , J11 B (LHD), J31 B (RHD)
JUNCTION CONNECTOR
W-B
W-B
BM
BL : LHD
BN : RHD

*1 : S/D
*2 : L/B
*3 : W/G


G-W
6 ID1 (LHD)
5 II1 (RHD)
G-W(*1)
G-W(RHD *2)
G-W(RHD)
G-W (*3)
G-W (LHD *2)
G-W(RHD)
G-W (LHD)
J14 A, J15 B JUNCTION CONNECTOR
J16 A, J17 B (LHD), J34 A, J35 B (RHD) JUNCTION CONNECTOR
1 BD1
R 8 LH
R10 RH
STOP LIGHT [REAR COMB. LIGHT]
H15 HIGH MOUNTED STOP LIGHT
W-B
W-B (LHD)
W-B (RHD)
BP
BQ
BR
BS

STOP LIGHT

SERVICE HINTS

S11 STOP LIGHT SW

2-1 : Closed with the brake pedal depressed

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
H15		80 (LHD S/D)	J17	B	84 (LHD W/G)	R8	100 (RHD L/B)
		82 (LHD L/B)	J30	A	98 (RHD S/D)		102 (RHD W/G)
		84 (LHD W/G)	J31	B	98 (RHD S/D)	R10	80 (LHD S/D)
		98 (RHD S/D)	J32	A	100 (RHD L/B)		82 (LHD L/B)
		100 (RHD L/B)	J33	B	100 (RHD L/B)		84 (LHD W/G)
		102 (RHD W/G)	J34	A	102 (RHD W/G)		98 (RHD S/D)
J10	A	80 (LHD S/D)	J35	B	102 (RHD W/G)		100 (RHD L/B)
J11	B	80 (LHD S/D)	R8		80 (LHD S/D)		102 (RHD W/G)
J14	A	82 (LHD L/B)			82 (LHD L/B)	S11	78 (LHD)
J15	B	82 (LHD L/B)			84 (LHD W/G)		96 (RHD)
J16	A	84 (LHD W/G)			98 (RHD S/D)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IG	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
II1	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)
BD1	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
	138 (RHD L/B)	

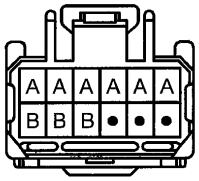
▽ : GROUND POINTS

Code	See Page	Ground Points Location
BL	118 (LHD S/D)	Left Quarter Pillar
BM	118 (LHD S/D)	Back Panel Center
	136 (RHD S/D)	
BN	136 (RHD S/D)	Right Quarter Pillar
BO	120 (LHD L/B)	Under the Left Quarter Pillar
	138 (RHD L/B)	
BP	120 (LHD L/B)	Back Panel Center
	138 (RHD L/B)	
BQ	120 (LHD L/B)	Back Door Center
	138 (RHD L/B)	
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	
BS	122 (LHD W/G)	Rear Quarter Panel RH
	140 (RHD W/G)	

H15 GRAY

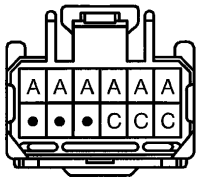


J10 (A) GRAY



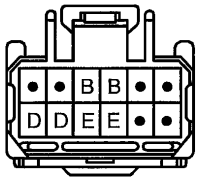
(Hint : See Page 7, 23, 39)

J11 (B) GRAY



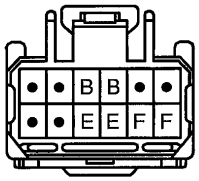
(Hint : See Page 7, 23, 39)

J14 (A)



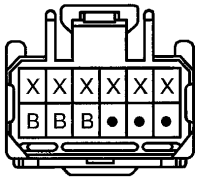
(Hint : See Page 7, 23, 39)

J15 (B)



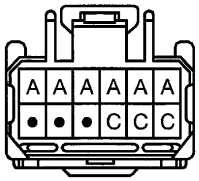
(Hint : See Page 7, 23, 39)

J16 (A) GRAY



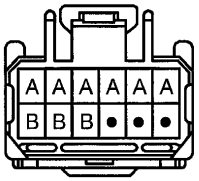
(Hint : See Page 7, 23, 39)

J17 (B) GRAY



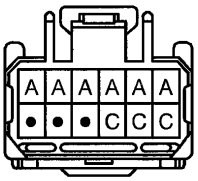
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



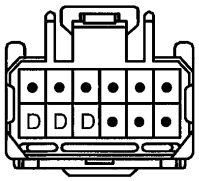
(Hint : See Page 7, 23, 39)

J31 (B) GRAY



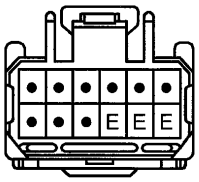
(Hint : See Page 7, 23, 39)

J32 (A) BLACK



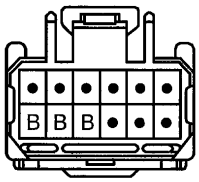
(Hint : See Page 7, 23, 39)

J33 (B) BLACK



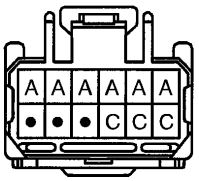
(Hint : See Page 7, 23, 39)

J34 (A) GRAY



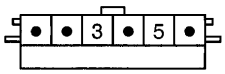
(Hint : See Page 7, 23, 39)

J35 (B) GRAY

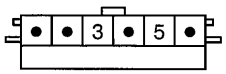


(Hint : See Page 7, 23, 39)

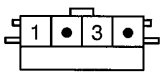
(S/D) R8 BLACK



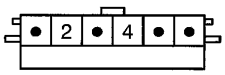
(L/B) R8 BLACK



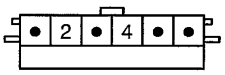
(W/G) R8 BLACK



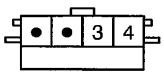
(S/D) R10 BLACK



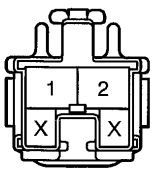
(L/B) R10 BLACK



(W/G) R10 BLACK

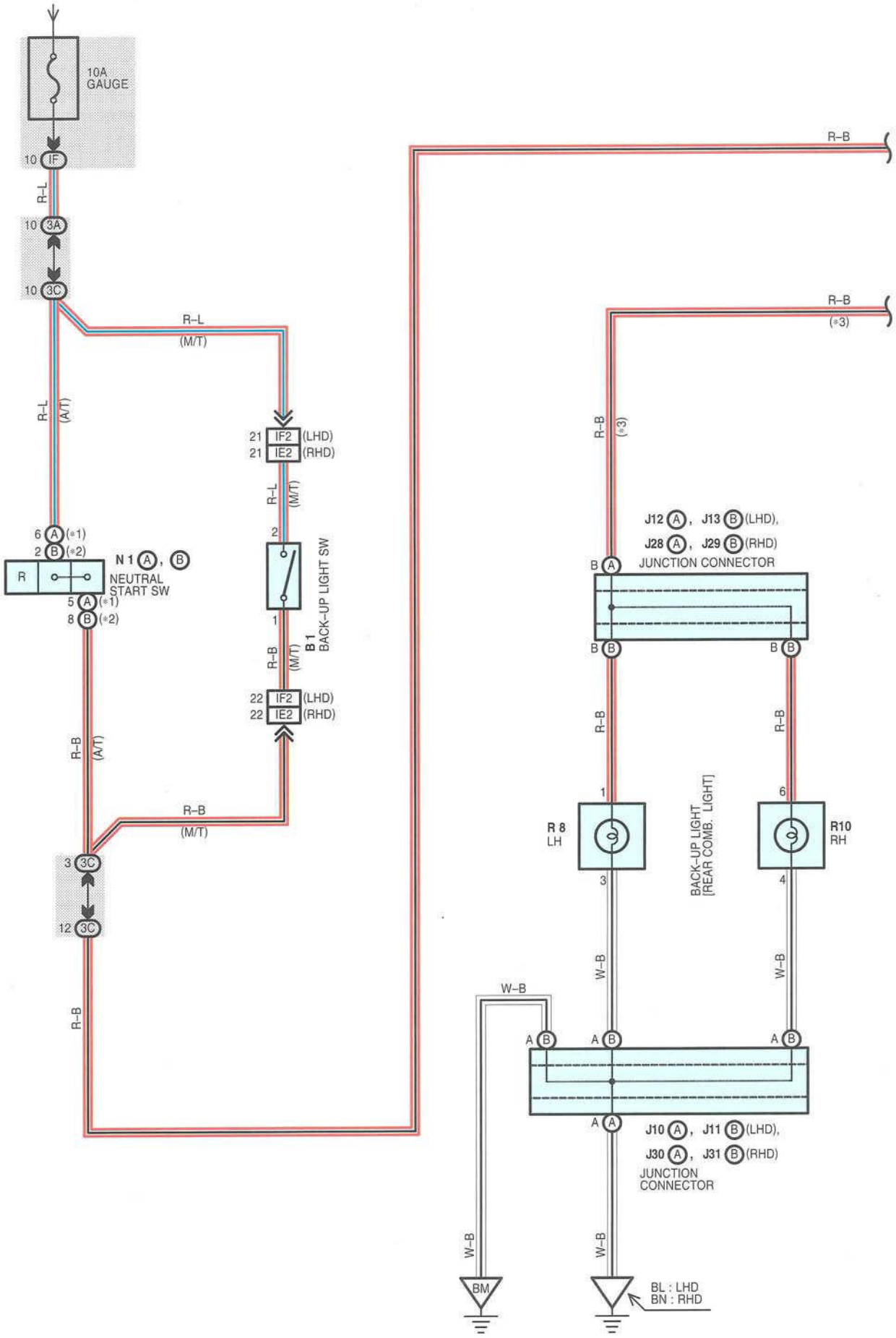


S11 BLACK

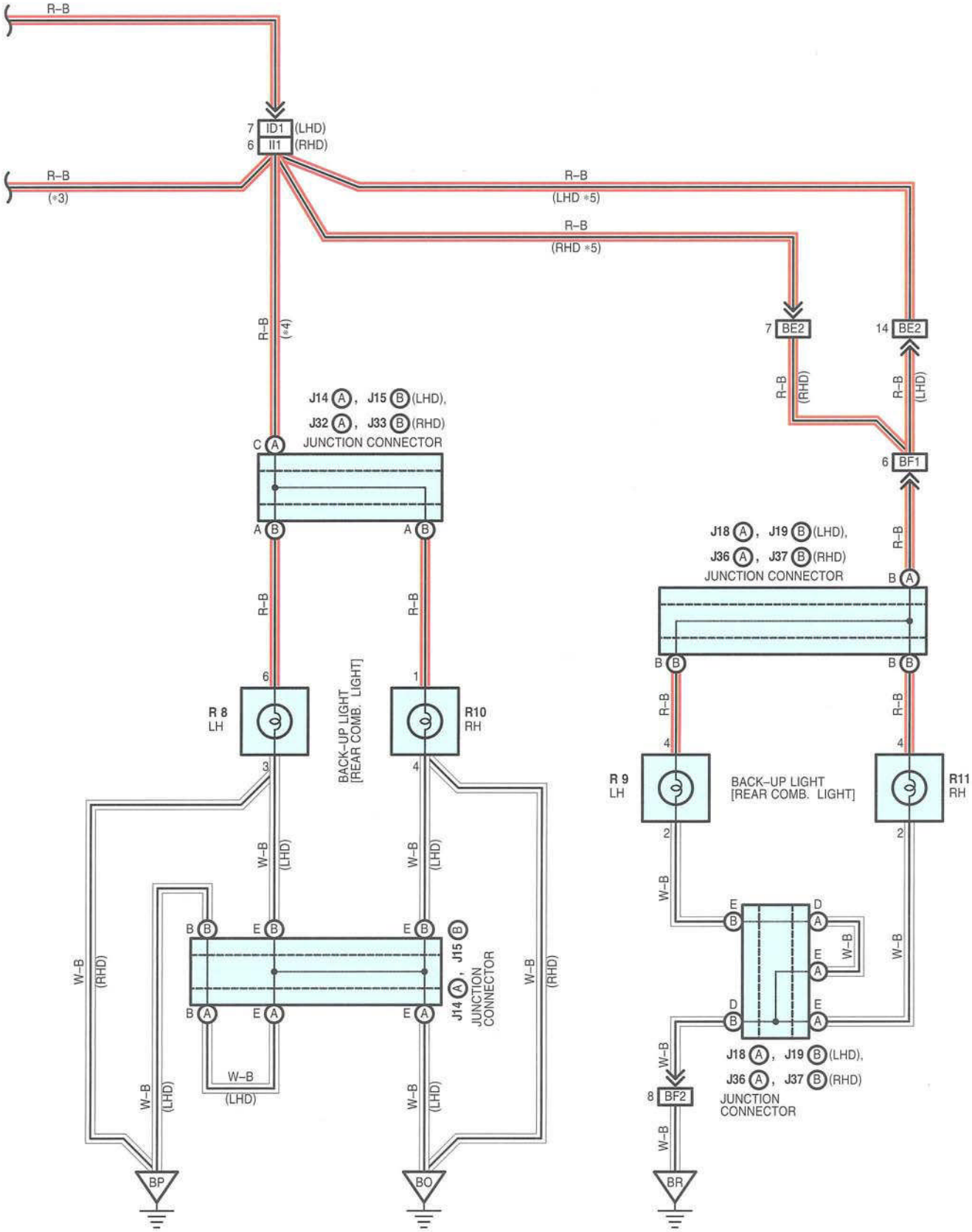


BACK-UP LIGHT

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



*1 : 3S-FE
*2 : 4A-FE, 7A-FE
*3 : S/D
*4 : L/B
*5 : W/G



BACK-UP LIGHT

SERVICE HINTS

N1 (A), (B) NEUTRAL START SW (A/T)

(A) 6-(A) 5, (B) 2-(B) 8 : Closed with the shift lever at **R** position

B1 BACK-UP LIGHT SW (M/T)

2-1 : Closed with the shift lever at **R** position

O : PARTS LOCATION

Code		See Page
B1		66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
J10	A	80 (LHD S/D)
J11	B	80 (LHD S/D)
J12	A	80 (LHD S/D)
J13	B	80 (LHD S/D)
J14	A	82 (LHD L/B)

Code		See Page
J15	B	82 (LHD L/B)
J18	A	84 (LHD W/G)
J19	B	84 (LHD W/G)
J28	A	98 (RHD S/D)
J29	B	98 (RHD S/D)
J30	A	98 (RHD S/D)
J31	B	98 (RHD S/D)
J32	A	100 (RHD L/B)
J33	B	100 (RHD L/B)
J36	A	102 (RHD W/G)
J37	B	102 (RHD W/G)
N1	A	66 (LHD 3S-FE)
		86 (RHD 3S-FE)
	B	68 (LHD *A)

Code		See Page
N1	B	70 (LHD *B)
		88 (RHD *A)
R8		80 (LHD S/D)
		82 (LHD L/B)
		98 (RHD S/D)
		100 (RHD L/B)
R9		84 (LHD W/G)
		102 (RHD W/G)
R10		80 (LHD S/D)
		82 (LHD L/B)
		98 (RHD S/D)
		100 (RHD L/B)
R11		84 (LHD W/G)
		102 (RHD W/G)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IF	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	114 (LHD)	
II1	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF1	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	
BF2	122 (LHD W/G)	
	140 (RHD W/G)	

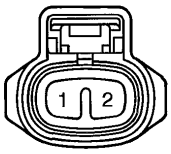
▽ : **GROUND POINTS**

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

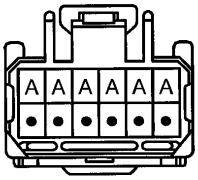
Code	See Page	Ground Points Location
BL	118 (LHD S/D)	Left Quarter Pillar
BM	118 (LHD S/D)	Back Panel Center
	136 (RHD S/D)	
BN	136 (RHD S/D)	Right Quarter Pillar
BO	120 (LHD L/B)	Under the Left Quarter Pillar
	138 (RHD L/B)	
BP	120 (LHD L/B)	Back Panel Center
	138 (RHD L/B)	
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	

BACK-UP LIGHT

B1 GRAY

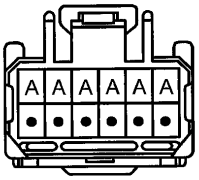


J10 (A) GRAY



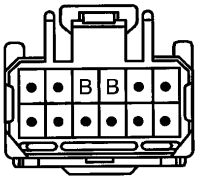
(Hint : See Page 7, 23, 39)

J11 (B) GRAY



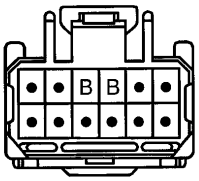
(Hint : See Page 7, 23, 39)

J12 (A)



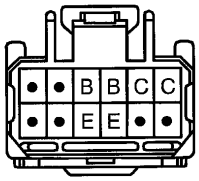
(Hint : See Page 7, 23, 39)

J13 (B)



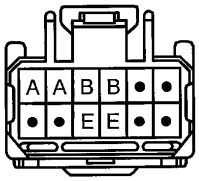
(Hint : See Page 7, 23, 39)

J14 (A)



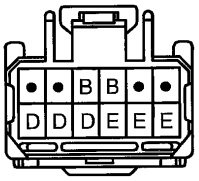
(Hint : See Page 7, 23, 39)

J15 (B)



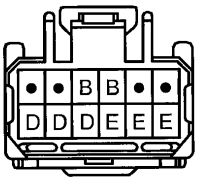
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



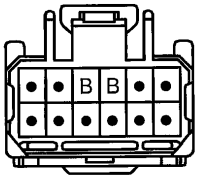
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



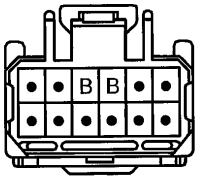
(Hint : See Page 7, 23, 39)

J28 (A)



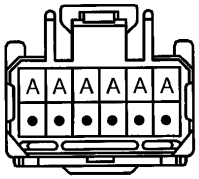
(Hint : See Page 7, 23, 39)

J29 (B)



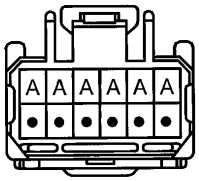
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



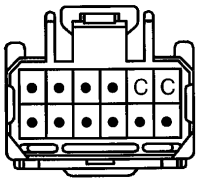
(Hint : See Page 7, 23, 39)

J31 (B) GRAY



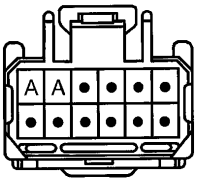
(Hint : See Page 7, 23, 39)

J32 (A) BLACK



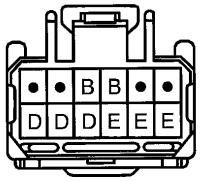
(Hint : See Page 7, 23, 39)

J33 (B) BLACK



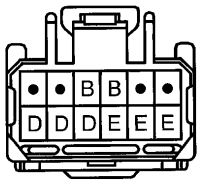
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



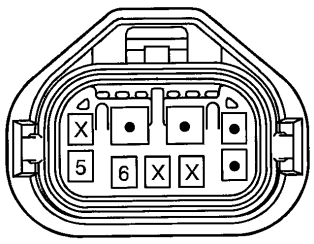
(Hint : See Page 7, 23, 39)

J37 (B) BLACK

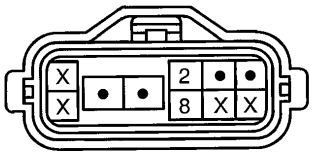


(Hint : See Page 7, 23, 39)

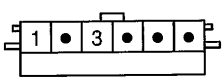
(3S-FE) N1 (A) GRAY



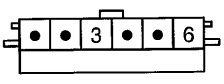
(4A-FE, 7A-FE) N1 (B) GRAY



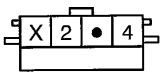
(S/D) R8 BLACK



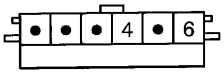
(L/B) R8 BLACK



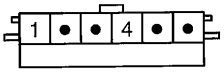
(W/G) R9 BLACK



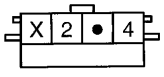
(S/D) R10 BLACK



(L/B) R10 BLACK

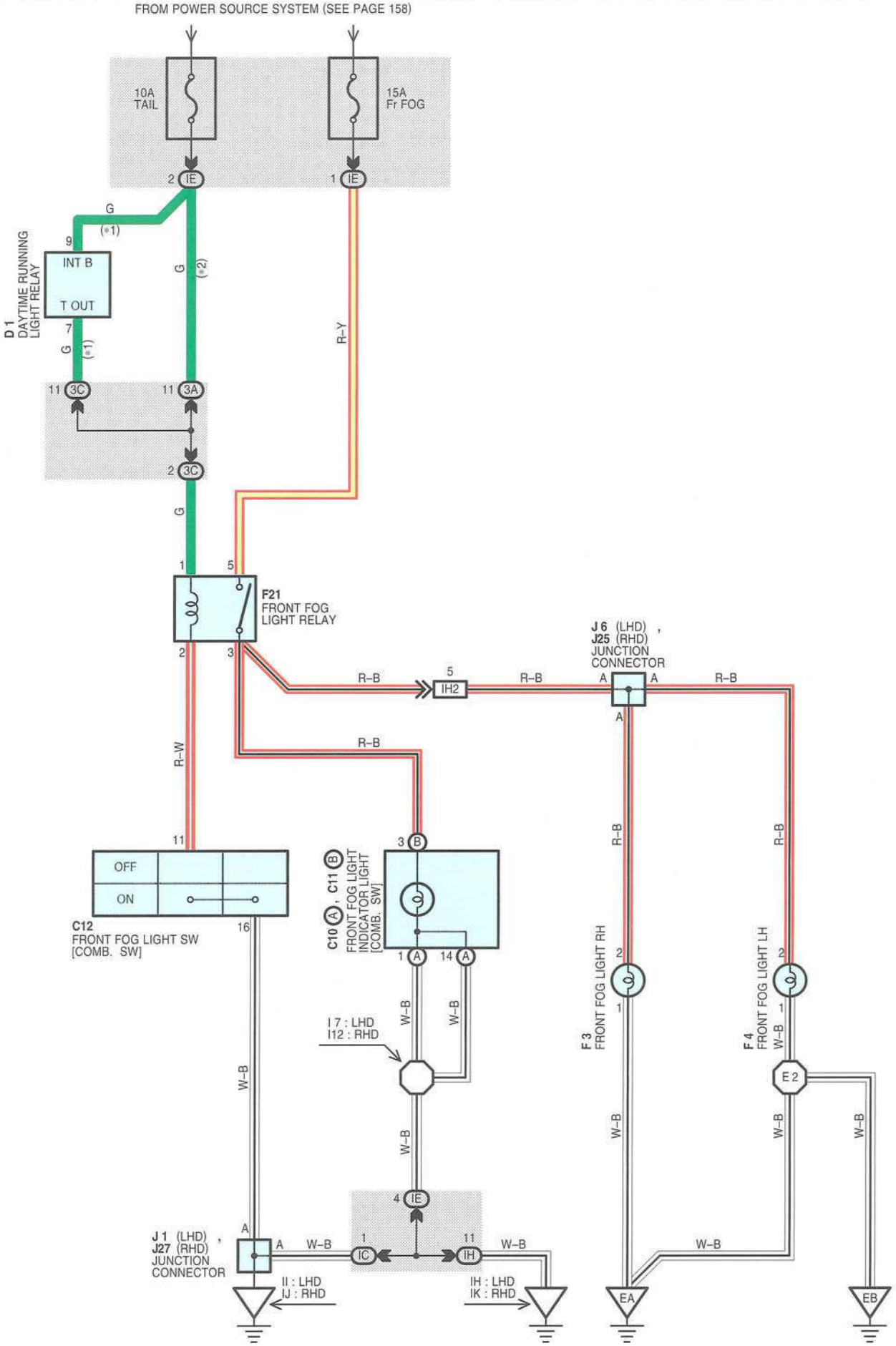


(W/G) R11 BLACK



FRONT FOG LIGHT

* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : W/O DAYTIME RUNNING LIGHT



SERVICE HINTS

F21 FRONT FOG LIGHT RELAY

5-3 : Closed with the light control SW at **TAIL** or **HEAD** position and the front fog light SW at **ON** position

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code		See Page	Code	See Page	Code	See Page
C10	A	76 (LHD)	F3	74 (LHD 2C-T)	F4	88 (RHD *A)
		94 (RHD)		86 (RHD 3S-FE)		90 (RHD *B)
C11	B	76 (LHD)		88 (RHD *A)		92 (RHD 2C-TE)
		94 (RHD)		90 (RHD *B)	F21	78 (LHD)
C12		76 (LHD)		92 (RHD 2C-TE)		96 (RHD)
		94 (RHD)	F4	66 (LHD 3S-FE)	J1	78 (LHD)
D1		76 (LHD)		68 (LHD *A)	J6	78 (LHD)
F3		66 (LHD 3S-FE)		70 (LHD *B)	J25	96 (RHD)
		68 (LHD *A)		72 (LHD 2C-TE)	J27	96 (RHD)
		70 (LHD *B)		74 (LHD 2C-T)		
		72 (LHD 2C-TE)		86 (RHD 3S-FE)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	

FRONT FOG LIGHT

: **GROUND POINTS**

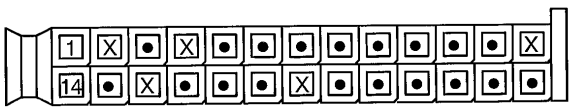
* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
II	114 (LHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel
IH	114 (LHD)	Left Kick Panel
IK	132 (RHD)	Right Kick Panel

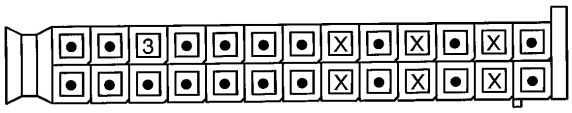
: **SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I7	116 (LHD)	Cowl Wire	I12	134 (RHD)	Cowl Wire

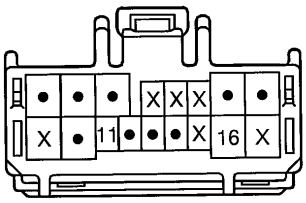
C10 (A) BLACK



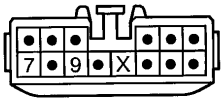
C11 (B) GREEN



C12



D1 BLUE



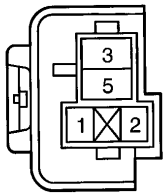
F3 BLACK



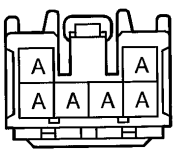
F4 BLACK



F21

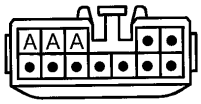


J1



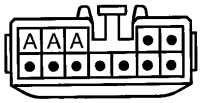
(Hint : See Page 7, 23, 39)

J6 BLACK



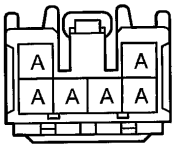
(Hint : See Page 7, 23, 39)

J25 BLACK



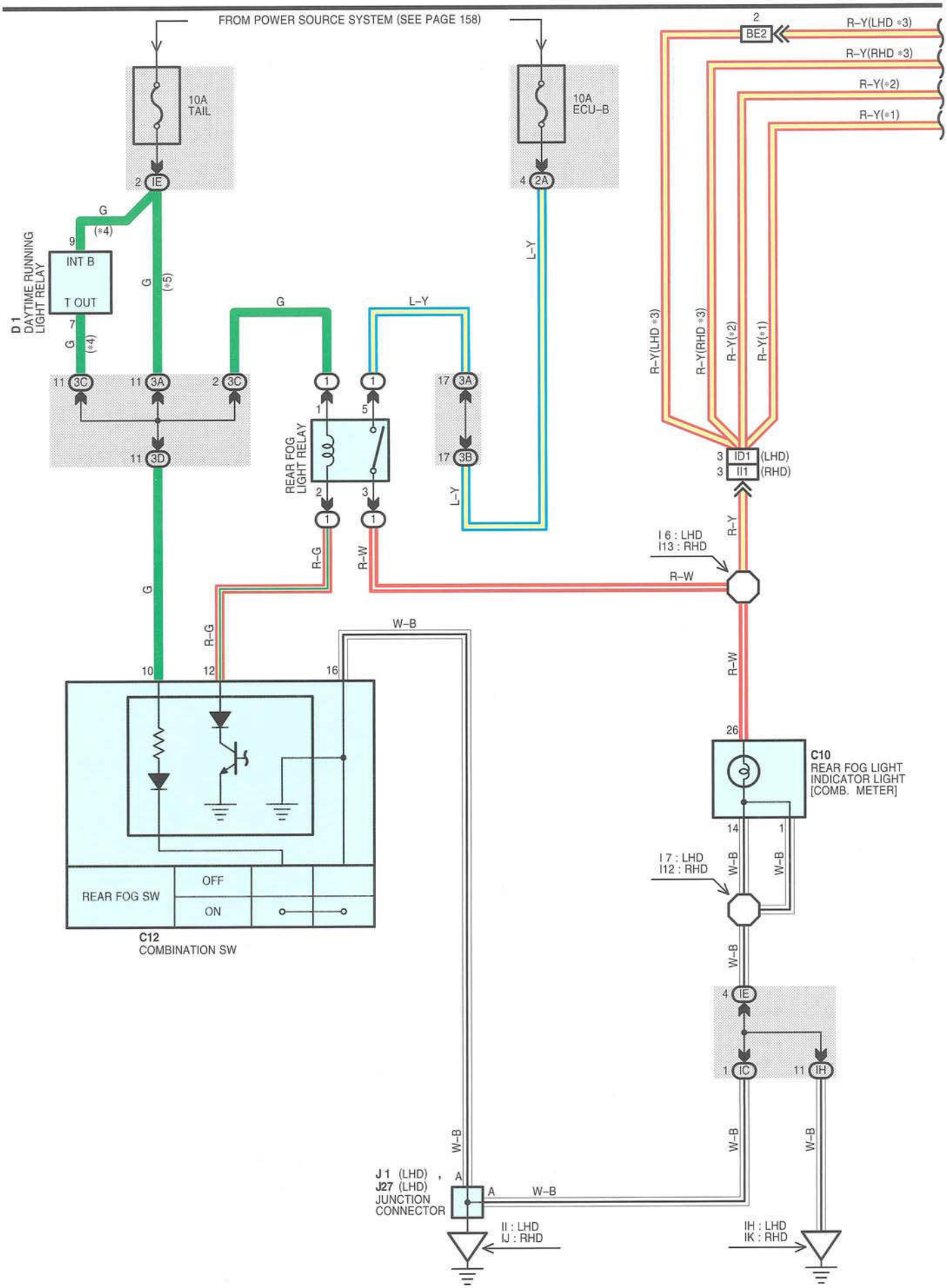
(Hint : See Page 7, 23, 39)

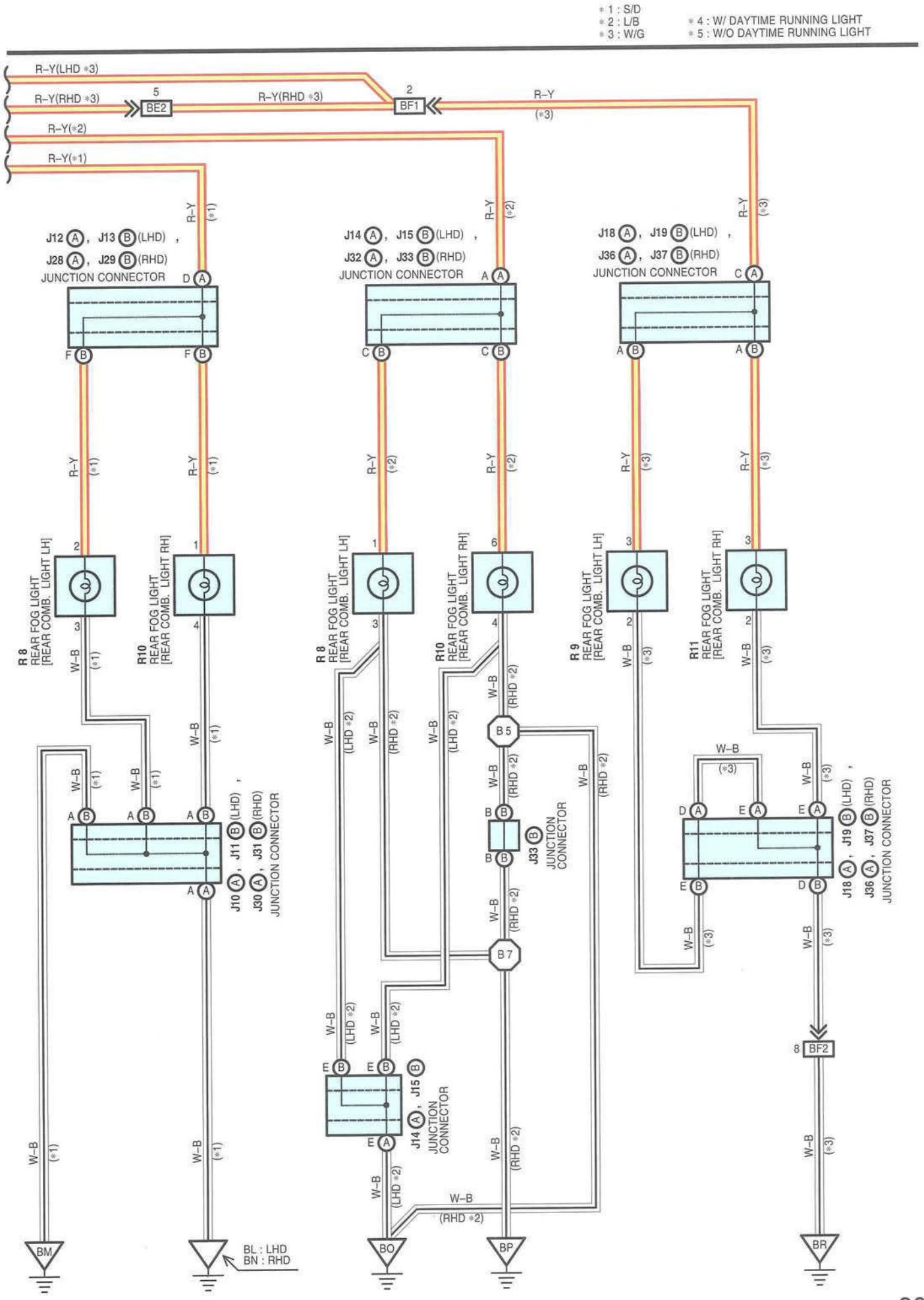
J27



(Hint : See Page 7, 23, 39)

REAR FOG LIGHT




＊1 : S/D
＊2 : L/B
＊3 : W/G
＊4 : W/ DAYTIME RUNNING LIGHT
＊5 : W/O DAYTIME RUNNING LIGHT
R–Y(LHD ＊3)
R–Y(RHD ＊3)
5
BE2
R–Y(RHD ＊3)
2
BF1
R–Y
(＊3)
R–Y(＊2)
R–Y(＊1)
J12 A , J13 B (LHD) ,
J28 A , J29 B (RHD)
JUNCTION CONNECTOR
J14 A , J15 B (LHD) ,
J32 A , J33 B (RHD)
JUNCTION CONNECTOR
J18 A , J19 B (LHD) ,
J36 A , J37 B (RHD)
JUNCTION CONNECTOR
R 8
REAR FOG LIGHT
[REAR COMB. LIGHT LH]
R10
REAR FOG LIGHT
[REAR COMB. LIGHT RH]
R 9
REAR FOG LIGHT
[REAR COMB. LIGHT LH]
R11
REAR FOG LIGHT
[REAR COMB. LIGHT RH]
W–B
(＊1)
(＊2)
(＊3)
(LHD ＊2)
(RHD ＊2)
B 5
B 7
J33 B
JUNCTION CONNECTOR
J14 A , J15 B
JUNCTION CONNECTOR
J10 A , J11 B (LHD) ,
J30 A , J31 B (RHD)
JUNCTION CONNECTOR
J18 A , J19 B (LHD) ,
J36 A , J37 B (RHD)
JUNCTION CONNECTOR
8
BF2
BM
BL : LHD
BN : RHD
BO
BP
BR

REAR FOG LIGHT

SERVICE HINTS

C12 COMBINATION SW

10-GROUND : Approx. **12** volts with the light control SW at **HEAD** or **TAIL** position
16-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
C10		76 (LHD)	J18	A	84 (LHD W/G)	R8	82 (LHD L/B)
		94 (RHD)	J19	B	84 (LHD W/G)		98 (RHD S/D)
C12		76 (LHD)	J27		96 (RHD)		100 (RHD L/B)
		94 (RHD)	J28	A	98 (RHD S/D)	R9	84 (LHD W/G)
D1		76 (LHD)	J29	B	98 (RHD S/D)		102 (RHD W/G)
J1		78 (LHD)	J30	A	98 (RHD S/D)	R10	80 (LHD S/D)
J10	A	80 (LHD S/D)	J31	B	98 (RHD S/D)		82 (LHD L/B)
J11	B	80 (LHD S/D)	J32	A	100 (RHD L/B)		98 (RHD S/D)
J12	A	80 (LHD S/D)	J33	B	100 (RHD L/B)		100 (RHD L/B)
J13	B	80 (LHD S/D)	J36	A	102 (RHD W/G)	R11	84 (LHD W/G)
J14	A	82 (LHD L/B)	J37	B	102 (RHD W/G)		102 (RHD W/G)
J15	B	82 (LHD L/B)	R8		80 (LHD S/D)		

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	53 (LHD)	Driver Side R/B (Left Kick Panel)
	53 (RHD)	Driver Side R/B (Right Kick Panel)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
II1	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF1	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	
BF2	122 (LHD W/G)	
	140 (RHD W/G)	

▽ : GROUND POINTS

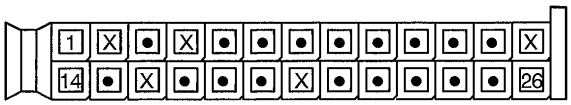
Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		
BL	118 (LHD S/D)	Left Quarter Pillar
BM	118 (LHD S/D)	Back Panel Center
	136 (RHD S/D)	
BN	136 (RHD S/D)	Right Quarter Pillar
BO	120 (LHD L/B)	Under the Left Quarter Pillar
	138 (RHD L/B)	
BP	120 (LHD L/B)	Back Panel Center
	138 (RHD L/B)	
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	

○ : SPLICE POINTS

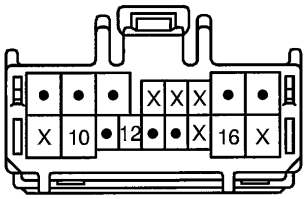
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	116 (LHD)	Cowl Wire	I13	134 (RHD)	Cowl Wire
I7			B5	138 (RHD L/B)	Floor Wire
I12	134 (RHD)	Cowl Wire	B7		

REAR FOG LIGHT

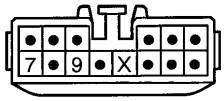
C10 BLACK



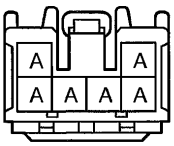
C12



D1 BLUE

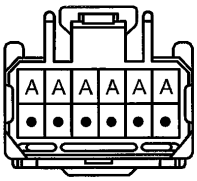


J1



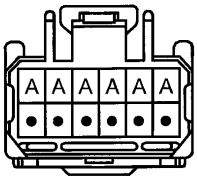
(Hint : See Page 7, 23, 39)

J10 (A) GRAY



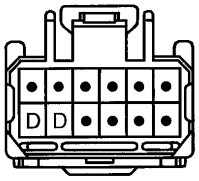
(Hint : See Page 7, 23, 39)

J11 (B) GRAY



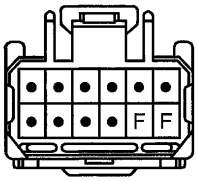
(Hint : See Page 7, 23, 39)

J12 (A)



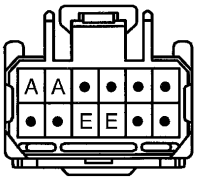
(Hint : See Page 7, 23, 39)

J13 (B)



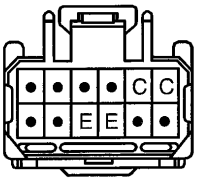
(Hint : See Page 7, 23, 39)

J14 (A)



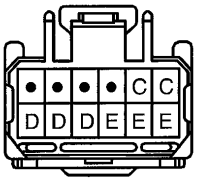
(Hint : See Page 7, 23, 39)

J15 (B)



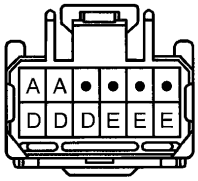
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



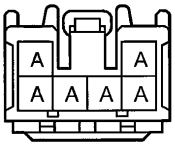
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



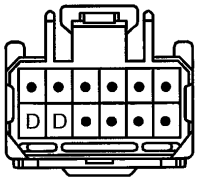
(Hint : See Page 7, 23, 39)

J27



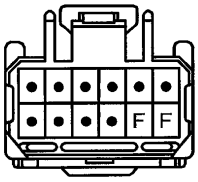
(Hint : See Page 7, 23, 39)

J28 (A)



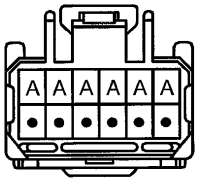
(Hint : See Page 7, 23, 39)

J29 (B)



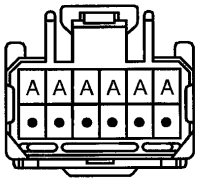
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



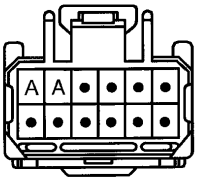
(Hint : See Page 7, 23, 39)

J31 (B) GRAY



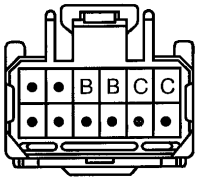
(Hint : See Page 7, 23, 39)

J32 (A) BLACK



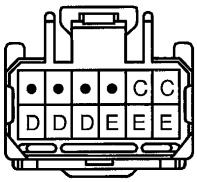
(Hint : See Page 7, 23, 39)

J33 (B) BLACK



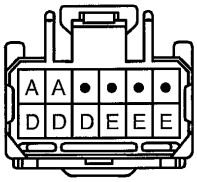
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



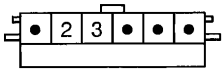
(Hint : See Page 7, 23, 39)

J37 (B) BLACK

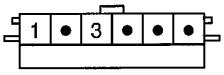


(Hint : See Page 7, 23, 39)

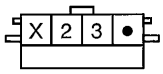
(S/D) R8 BLACK



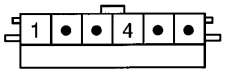
(L/B) R8 BLACK



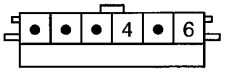
(W/G) R9 BLACK



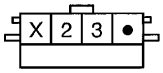
(S/D) R10 BLACK

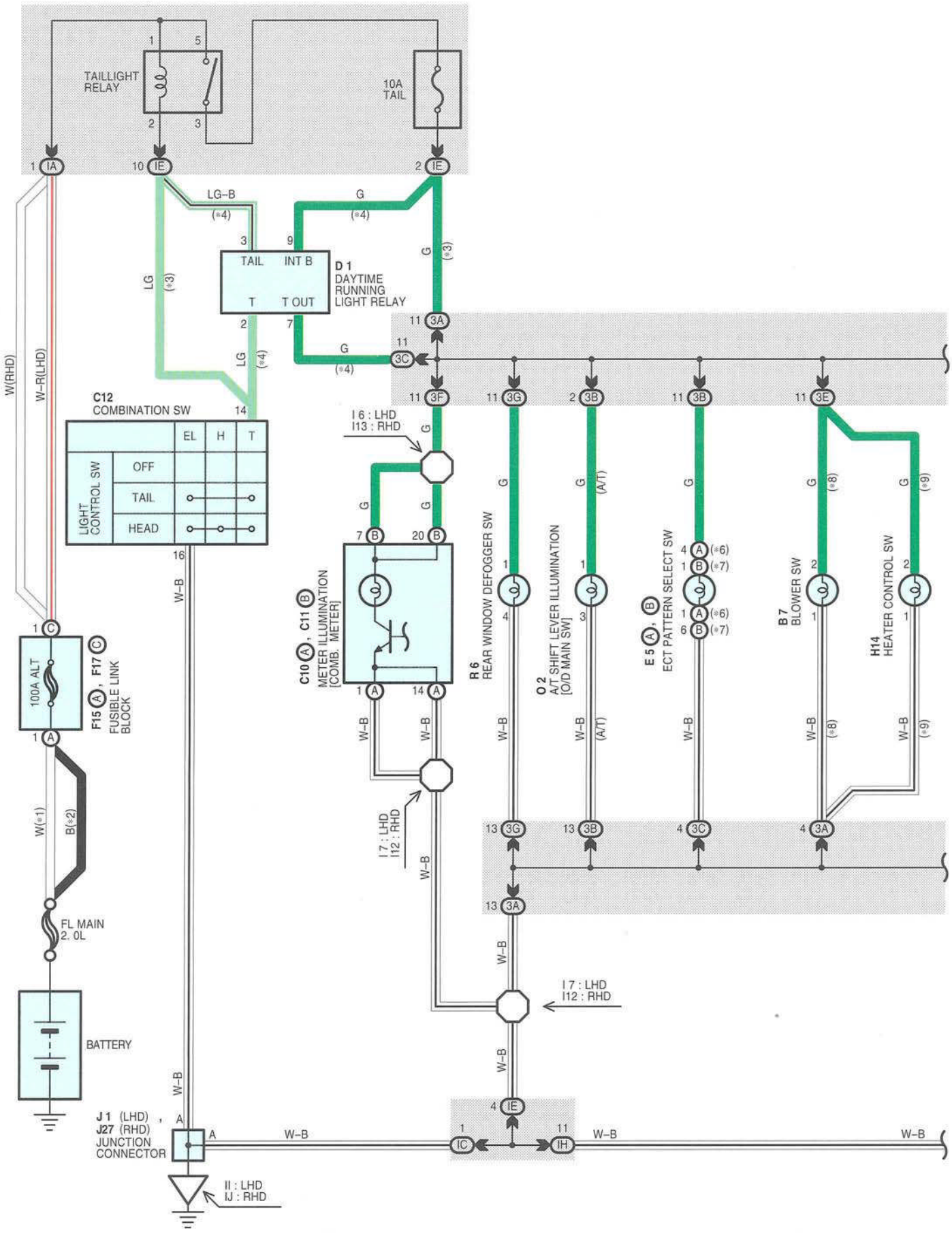


(L/B) R10 BLACK

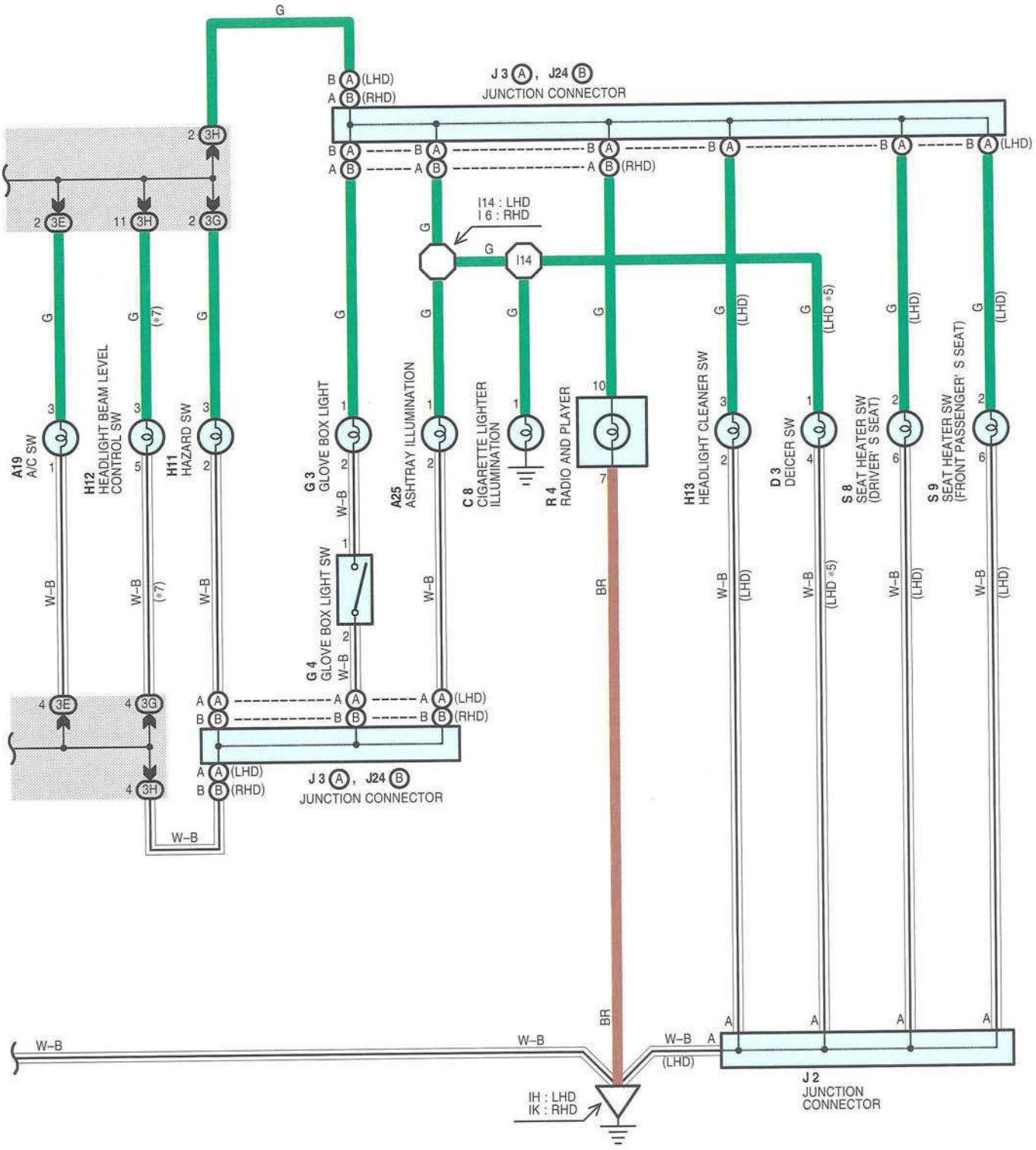


(W/G) R11 BLACK




TAILLIGHT RELAY
10A TAIL
D 1 DAYTIME RUNNING LIGHT RELAY
TAIL
INT B
T
T OUT
C12 COMBINATION SW
EL
H
T
LIGHT CONTROL SW
OFF
TAIL
HEAD
I 6 : LHD
I13 : RHD
C10 , C11
METER ILLUMINATION [COMB. METER]
R 6 REAR WINDOW DEFOGGER SW
O 2 A/T SHIFT LEVER ILLUMINATION [O/D MAIN SW]
E 5 ECT PATTERN SELECT SW
B 7 BLOWER SW
H14 HEATER CONTROL SW
I 7 : LHD
I12 : RHD
100A ALT
F15 , F17
FUSIBLE LINK BLOCK
FL MAIN 2. 0L
BATTERY
J 1 (LHD) , J27 (RHD) JUNCTION CONNECTOR
I1 : LHD
IJ : RHD
W(RHD)
W–R(LHD)
LG–B
LG
G
W–B
W(*1)
B(*2)
(*3)
(*4)
(*6)
(*7)
(*8)
(*9)
(A/T)

* 1 : GASOLINE
* 2 : DIESEL
* 3 : W/O DAYTIME RUNNING LIGHT
* 4 : W/ DAYTIME RUNNING LIGHT
* 5 : W/ FRONT WINDOW DEICER
* 6 : GENERAL
* 7 : EUROPE
* 8 : MANUAL A/C
* 9 : AUTO A/C



ILLUMINATION

SERVICE HINTS

C12 COMBINATION SW

14–16 : Closed with the light control SW at **TAIL** or **HEAD** position

TAILLIGHT RELAY

5–3 : Closed with the light control SW at **TAIL** or **HEAD** position

○ : PARTS LOCATION

Code		See Page
A19		76 (LHD)
		94 (RHD)
A25		76 (LHD)
		94 (RHD)
B7		76 (LHD)
		94 (RHD)
C8		76 (LHD)
		94 (RHD)
C10	A	76 (LHD)
		94 (RHD)
C11	B	76 (LHD)
		94 (RHD)
C12		76 (LHD)
		94 (RHD)
D1		76 (LHD)
D3		76 (LHD)
E5	A, B	76 (LHD)
		94 (RHD)
F15	A	66 (LHD 3S-FE)
		68 (LHD *A)

Code		See Page
F15	A	70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
F17	C	66 (LHD 3S-FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C-TE)
		74 (LHD 2C-T)
		86 (RHD 3S-FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C-TE)
G3		78 (LHD)
		96 (RHD)
G4		78 (LHD)
		96 (RHD)

Code		See Page
H11		78 (LHD)
		96 (RHD)
H12		78 (LHD)
		96 (RHD)
H13		78 (LHD)
H14		78 (LHD)
		96 (RHD)
J1		78 (LHD)
J2		78 (LHD)
J3	A	78 (LHD)
J24	B	96 (RHD)
J27		96 (RHD)
O2		78 (LHD)
		96 (RHD)
R4		78 (LHD)
		96 (RHD)
R6		78 (LHD)
		96 (RHD)
S8		78 (LHD)
S9		78 (LHD)

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IA	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: GROUND POINTS

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

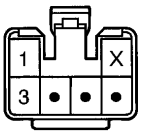
Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	116 (LHD)	Cowl Wire	I12	134 (RHD)	Cowl Wire
	134 (RHD)	Instrument Panel Wire	I13		
I7	116 (LHD)	Cowl Wire	I14	116 (LHD)	Instrument Panel Wire

ILLUMINATION

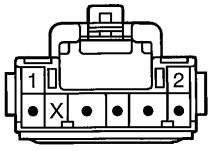
A19 BLACK



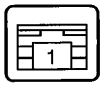
A25 BLACK



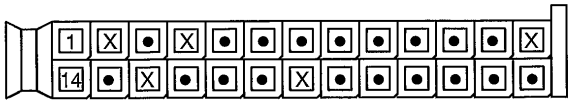
B7



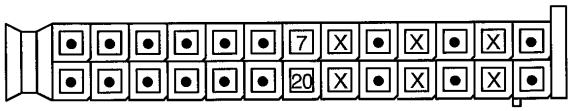
C8 BLACK



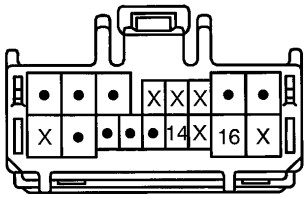
C10 (A) BLACK



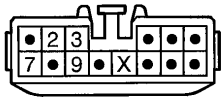
C11 (B) GREEN



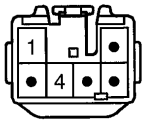
C12



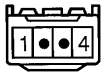
D1 BLUE



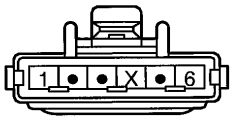
D3



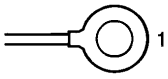
(General) E5 (A)



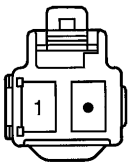
(Europe) E5 (B) BLACK



F15 (A)



F17 (C) BLUE



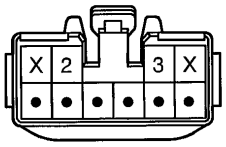
G3 BLACK



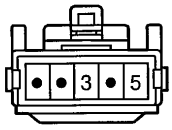
G4 BLACK



H11 BLACK



H12 GRAY



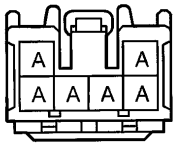
H13 BLACK



H14

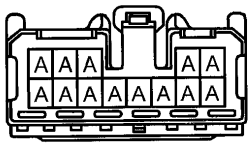


J1



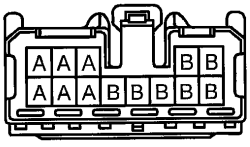
(Hint : See Page 7, 23, 39)

J2 ORANGE



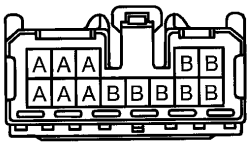
(Hint : See Page 7, 23, 39)

J3 (A) GRAY



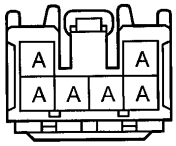
(Hint : See Page 7, 23, 39)

J24 (B) GRAY



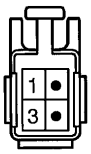
(Hint : See Page 7, 23, 39)

J27

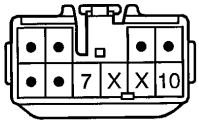


(Hint : See Page 7, 23, 39)

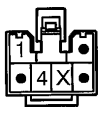
O2



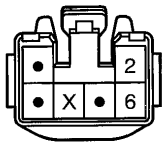
R4



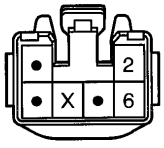
R6 DARK GRAY



S8 BLUE

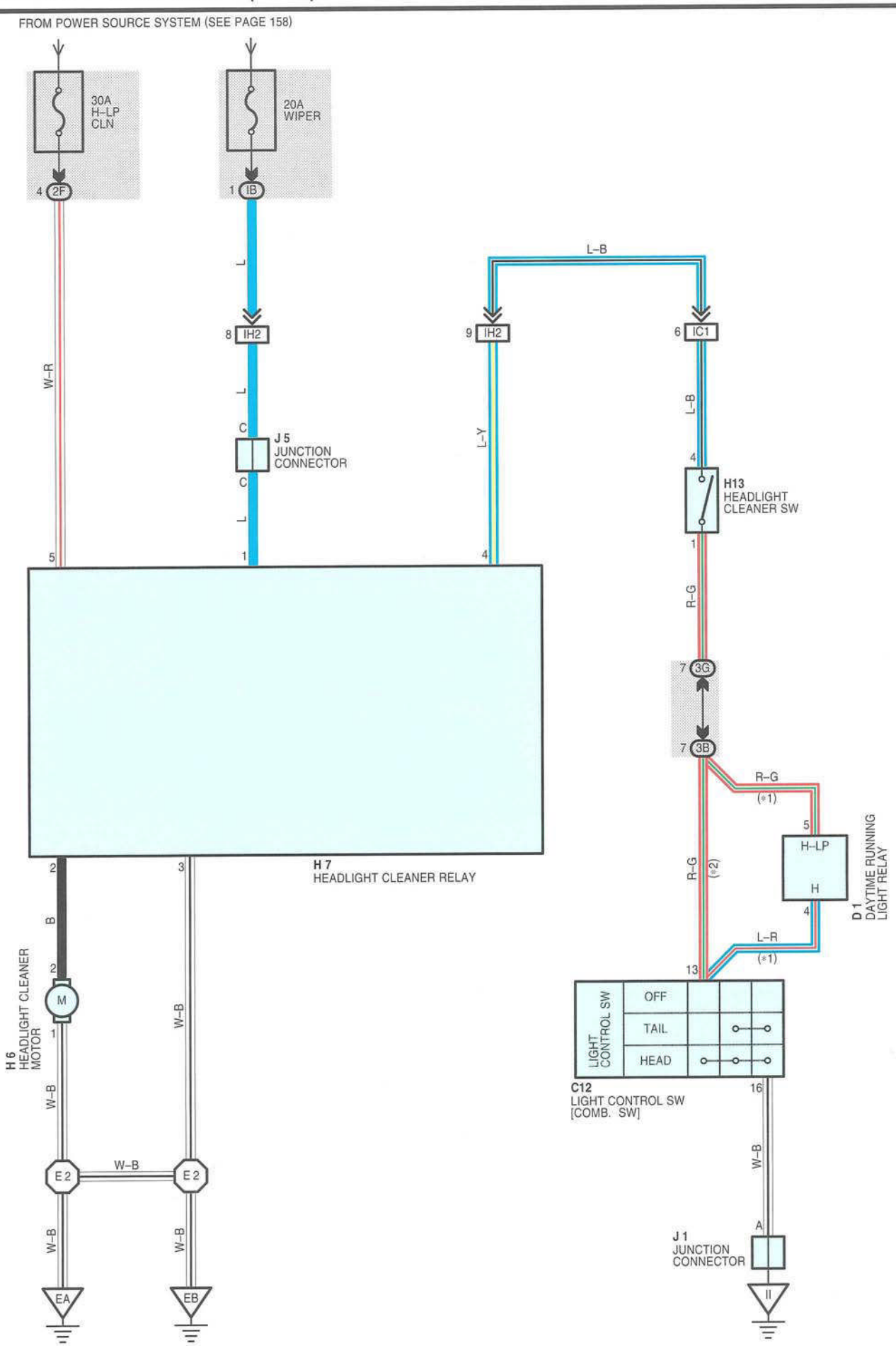


S9



HEADLIGHT CLEANER (LHD)

* 1 : W/ DAYTIME RUNNING LIGHT
* 2 : W/O DAYTIME RUNNING LIGHT



SERVICE HINTS

H7 HEADLIGHT CLEANER RELAY

5-2 : Continuity with the light control SW at **HEAD** position and the headlight cleaner SW on
1-GROUND : Approx. **12** volts with the ignition SW at **ON** position
3-GROUND : Always continuity

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C12	76 (LHD)	H6	72 (LHD 2C-TE)	H7	72 (LHD 2C-TE)
D1	76 (LHD)		74 (LHD 2C-T)		74 (LHD 2C-T)
H6	66 (LHD 3S-FE)	H7	66 (LHD 3S-FE)	H13	76 (LHD)
	68 (LHD *A)		68 (LHD *A)	J1	78 (LHD)
	70 (LHD *B)		70 (LHD *B)	J5	78 (LHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)

▽ : GROUND POINTS

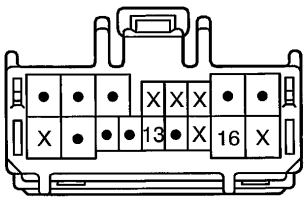
Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
II	114 (LHD)	Left Kick Panel

⬡ : SPLICE POINTS

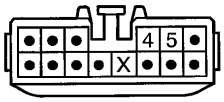
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	E2	110 (LHD 2C-TE)	Engine Room Main Wire
	106 (LHD *A)			112 (LHD 2C-T)	
	108 (LHD *B)				

HEADLIGHT CLEANER (LHD)

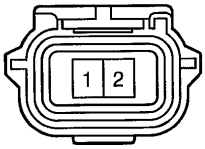
C12



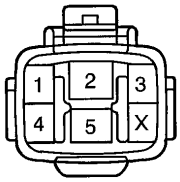
D1 BLUE



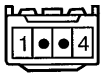
H6 BLACK



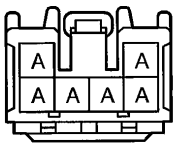
H7 BLACK



H13 BLACK

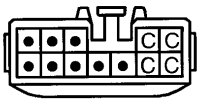


J1



(Hint : See Page 7, 23, 39)

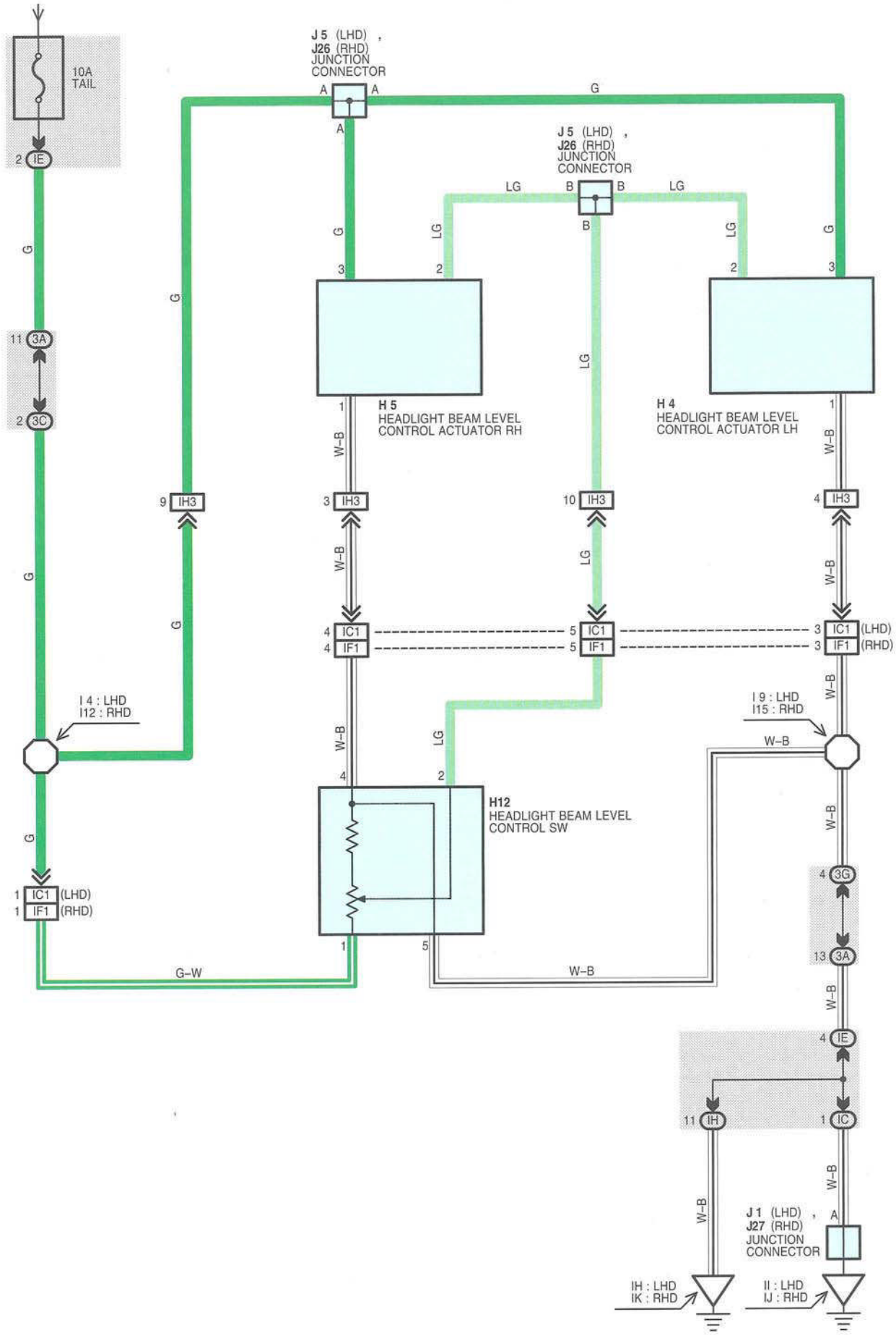
J5 GRAY



(Hint : See Page 7, 23, 39)

HEADLIGHT BEAM LEVEL CONTROL

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SERVICE HINTS

H4, H5 HEADLIGHT BEAM LEVEL CONTROL ACTUATOR LH, RH

3-GROUND : Approx. **12** volts with the light control SW at **TAIL** or **HEAD** position
1-GROUND : Always continuity

H12 HEADLIGHT BEAM LEVEL CONTROL SW

1-GROUND : Approx. **12** volts with the light control SW at **TAIL** or **HEAD** position
5-GROUND : Always continuity

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Code	See Page	Code	See Page
H4	66 (LHD 3S-FE)	H4	92 (RHD 2C-TE)	H5	90 (RHD *B)
	68 (LHD *A)	H5	66 (LHD 3S-FE)		92 (RHD 2C-TE)
	70 (LHD *B)		68 (LHD *A)	H12	78 (LHD)
	72 (LHD 2C-TE)		70 (LHD *B)		96 (RHD)
	74 (LHD 2C-T)		72 (LHD 2C-TE)	J1	78 (LHD)
	86 (RHD 3S-FE)		74 (LHD 2C-T)	J5	78 (LHD)
	88 (RHD *A)		86 (RHD 3S-FE)	J26	96 (RHD)
	90 (RHD *B)		88 (RHD *A)	J27	96 (RHD)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IF1	132 (RHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)
IH3	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	

▽ : GROUND POINTS

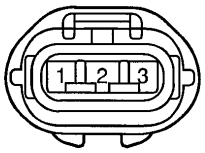
Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		

⬡ : SPLICE POINTS

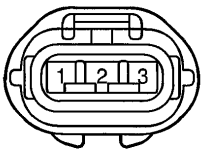
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I4	116 (LHD)	Cowl Wire	I12	134 (RHD)	Cowl Wire
I9	116 (LHD)	Instrument Panel Wire	I15	134 (RHD)	Instrument Panel Wire

HEADLIGHT BEAM LEVEL CONTROL

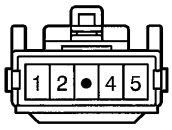
H4 GRAY



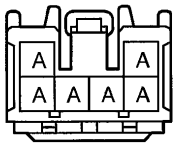
H5 GRAY



H12 GRAY

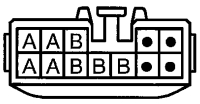


J1



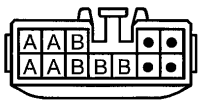
(Hint : See Page 7, 23, 39)

J5 GRAY



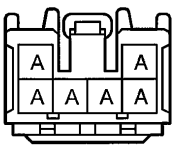
(Hint : See Page 7, 23, 39)

J26

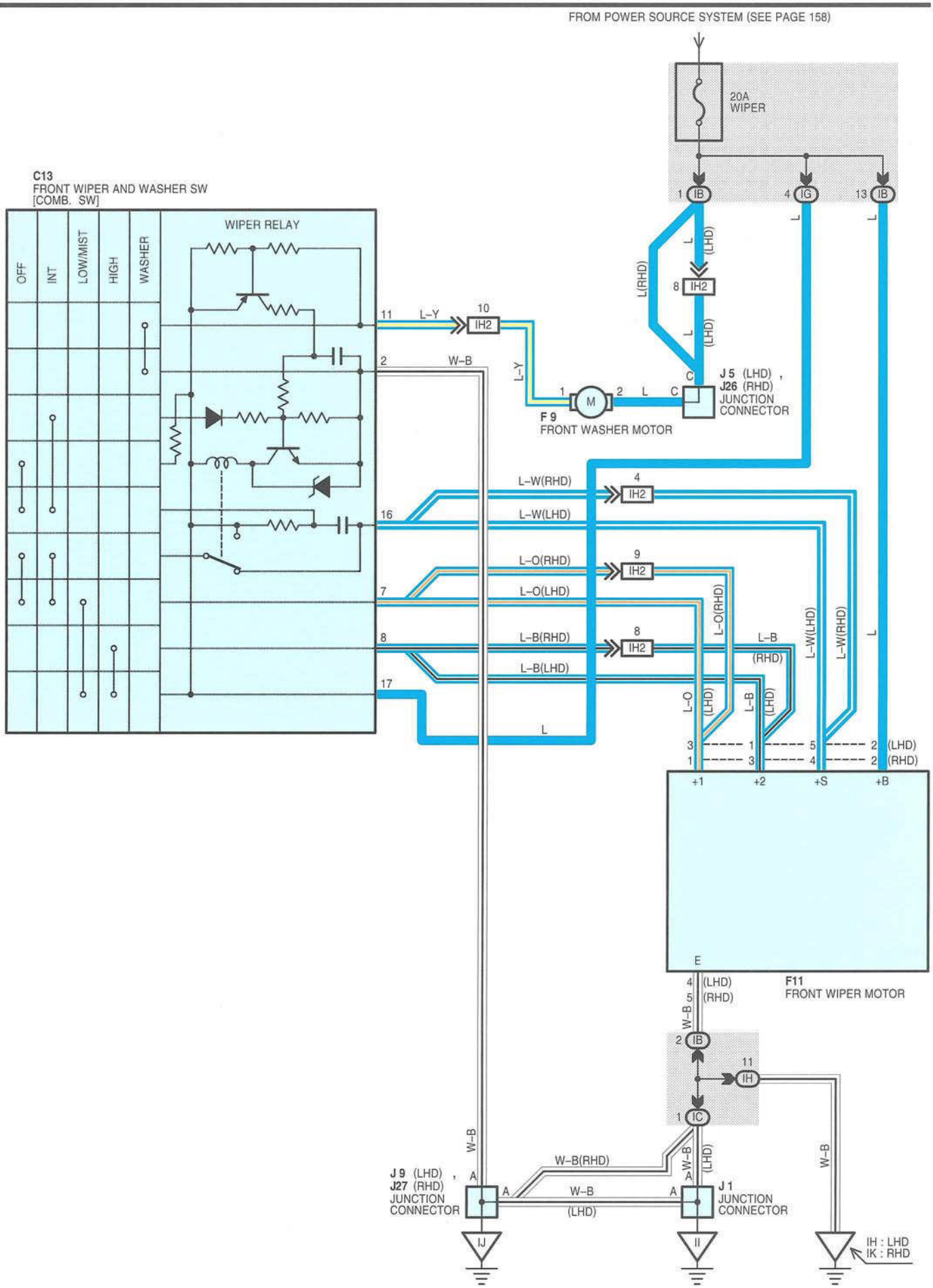


(Hint : See Page 7, 23, 39)

J27 GRAY



(Hint : See Page 7, 23, 39)


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
20A
WIPER
1 IB
4 IG
13 IB
C13
FRONT WIPER AND WASHER SW
[COMB. SW]
OFF
INT
LOW/MIST
HIGH
WASHER
WIPER RELAY
11
L-Y
10
IH2
2
W-B
L-Y
L(RHD)
L (LHD)
8 IH2
L (LHD)
C
J5 (LHD) ,
J26 (RHD)
JUNCTION
CONNECTOR
1
M
2
L
C
F9
FRONT WASHER MOTOR
L-W(RHD)
4
IH2
16
L-W(LHD)
L-O(RHD)
9
IH2
7
L-O(LHD)
8
L-B(RHD)
IH2
L-B
(RHD)
L-B(LHD)
17
L
L-O
(LHD)
L-B
(LHD)
L-O(RHD)
L-W(LHD)
L-W(RHD)
3 1 5 2 (LHD)
1 3 4 2 (RHD)
+1
+2
+S
+B
E
4 (LHD)
5 (RHD)
F11
FRONT WIPER MOTOR
W-B
2 IB
11
IH
1 IC
W-B
W-B(RHD)
W-B
(LHD)
J9 (LHD) ,
J27 (RHD)
JUNCTION
CONNECTOR
A
A
W-B
(LHD)
A
J1
JUNCTION
CONNECTOR
IJ
II
IH : LHD
IK : RHD

SYSTEM OUTLINE

With the ignition SW turned on, the current flows to **TERMINAL 17** of the front wiper and washer SW, **TERMINAL 2** of the front washer motor and **TERMINAL 2** of the front wiper motor through the **WIP** fuse.

1. LOW SPEED POSITION

With wiper SW turned to **LO** position, the current flows from **TERMINAL 17** of the front wiper and washer SW to **TERMINAL 7** to **TERMINAL 3** (LHD), **1** (RHD) of the front wiper motor to **TERMINAL 4** (LHD), **5** (RHD) to **GROUND** and causes to the wiper motor to run at low speed.

2. HIGH SPEED POSITION

With wiper SW turned to **HI** position, the current flows from **TERMINAL 17** of the front wiper and washer SW to **TERMINAL 8** to **TERMINAL 1** (LHD), **3** (RHD) of the front wiper motor to **TERMINAL 4** (LHD), **5** (RHD) to **GROUND** and causes to the wiper motor to run at high speed.

3. INT POSITION (w/ INTERMITTENT OPERATION)

With wiper SW turned to **INT** position, the relay operates and the current which is connected by relay function flows from **TERMINAL 17** of the front wiper and washer SW to **TERMINAL 2** to **GROUND**. This flow of current operates the intermittent circuit and the current flows from **TERMINAL 17** of the front wiper and washer SW to **TERMINAL 7** to **TERMINAL 3** (LHD), **1** (RHD) of the front wiper motor to **TERMINAL 4** (LHD), **5** (RHD) to **GROUND** and the functions.

The intermittent operation is controlled by a condenser's charged and discharged function installed in relay and the intermittent time is controlled by a time control SW to charge the charging time of the condenser.

4. MIST POSITION

With wiper SW turned to **MIST** position, the current flows from **TERMINAL 17** of the front wiper and washer SW to **TERMINAL 7** to **TERMINAL 3** (LHD), **1** (RHD) of the front wiper motor to **TERMINAL 4** (LHD), **5** (RHD) to **GROUND** and causes to the front wiper motor to run at low speed.

5. WASHER CONTINUOUS OPERATION

With washer SW turned to on, the current flows from **TERMINAL 2** of the washer motor to **TERMINAL 1** to **TERMINAL 11** of the front wiper and washer SW to **TERMINAL 2** to **GROUND** and causes to the washer motor to run. And window washer is jet. This causes the current to flow to washer continuous operation circuit in **TERMINAL 17** of the front wiper and washer SW to **TERMINAL 7** to **TERMINAL 3** (LHD), **1** (RHD) of the front wiper motor to **TERMINAL 4** (LHD), **5** (RHD) to **GROUND** and the function.

SERVICE HINTS

C13 FRONT WIPER AND WASHER SW [COMB. SW]

2-GROUND : Always continuity
17-GROUND : Approx. **12** volts with ignition SW at **ON** position
7-GROUND : Approx. **12** volts with wiper and washer SW at **LOW** position
: Approx. **12** volts with wiper and washer SW at **MIST** position (w/ mist SW)
: Approx. **12** volts every approx. **1** to **10** seconds intermittently with wiper and washer SW at **INT** position (w/ intermittent operation)
16-GROUND : Approx. **12** volts with ignition SW on unless wiper motor at **STOP** position
8-GROUND : Approx. **12** volts with ignition SW on and wiper and washer SW at **HIGH** position

F11 FRONT WIPER MOTOR

5-2 (LHD), 4-2 (RHD) : Closed unless wiper motor at **STOP** position

○ : **PARTS LOCATION**

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Code	See Page	Code	See Page
C13	76 (LHD)	F9	90 (RHD *B)	F11	90 (RHD *B)
	94 (RHD)		92 (RHD 2C-TE)		92 (RHD 2C-TE)
F9	66 (LHD 3S-FE)	F11	66 (LHD 3S-FE)	J1	78 (LHD)
	68 (LHD *A)		68 (LHD *A)	J5	78 (LHD)
	70 (LHD *B)		70 (LHD *B)	J9	78 (LHD)
	72 (LHD 2C-TE)		72 (LHD 2C-TE)	J26	96 (RHD)
	74 (LHD 2C-T)		74 (LHD 2C-T)	J27	96 (RHD)
	86 (RHD 3S-FE)		86 (RHD 3S-FE)		
	88 (RHD *A)		88 (RHD *A)		

FRONT WIPER AND WASHER

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IG	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)

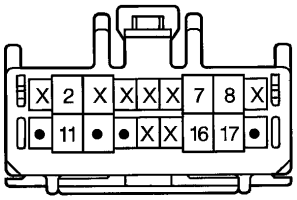
: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IH2	134 (RHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)

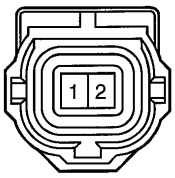
: GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

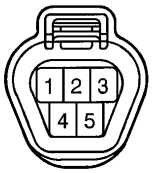
C13 BLACK



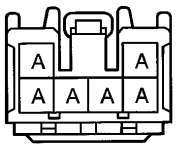
F9 BLACK



F11 GRAY

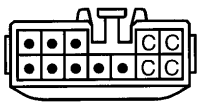


J1



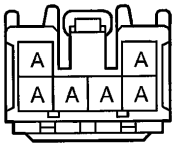
(Hint : See Page 7, 23, 39)

J5 GRAY



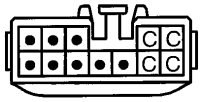
(Hint : See Page 7, 23, 39)

J9



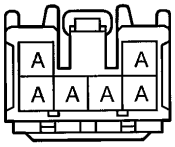
(Hint : See Page 7, 23, 39)

J26 GRAY



(Hint : See Page 7, 23, 39)

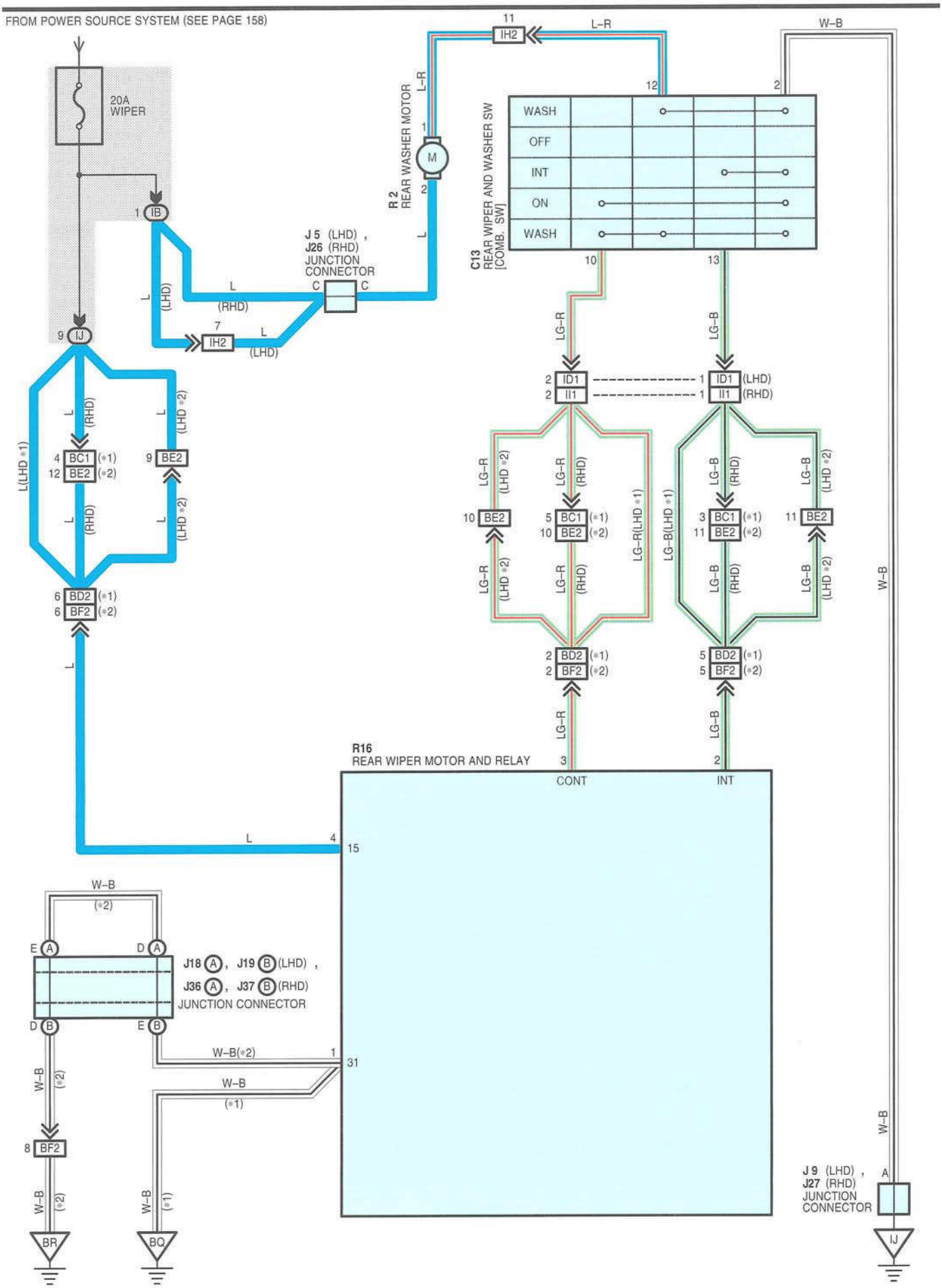
J27



(Hint : See Page 7, 23, 39)

REAR WIPER AND WASHER

* 1 : L/B
* 2 : W/G



SYSTEM OUTLINE

When the ignition SW is turned on, current flows to **TERMINAL 2** of the rear washer motor, **TERMINAL 4** of the rear wiper motor and relay through the **WIP** fuse.

1. REAR WASHER OPERATION

With the ignition SW turned on and the rear wiper and washer SW turned to **ON** position, when the wiper SW is turned further, the current flowing to **TERMINAL 2** of the rear washer motor flows to **TERMINAL 1** of the motor to **TERMINAL 12** of the rear wiper and washer SW to **TERMINAL 2** to **GROUND** so that the washer motor rotates and the window washer emits a water spray, only while the switch is fully turned.
When the wiper SW is off and then turned to washer on (Wiper off side), Only the washer operates.

SERVICE HINTS

R2 REAR WASHER MOTOR

2-GROUND : Approx. **12** volts with ignition SW at **ON** position
1-GROUND : Continuity with washer SW turned on

R10 REAR WIPER MOTOR AND RELAY

4-GROUND : Approx. **12** volts with ignition SW at **ON** position
2-GROUND : Continuity with rear wiper SW **INT** position
3-GROUND : Continuity with rear wiper SW **ON** position
1-GROUND : Always continuity

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Code	See Page	Code	See Page
C13	76 (LHD)	J36 A	102 (RHD W/G)	R2	88 (RHD *A)
	94 (RHD)	J37 B	102 (RHD W/G)		90 (RHD *B)
J5	78 (LHD)	R2	66 (LHD 3S-FE)		92 (RHD 2C-TE)
J9	78 (LHD)		68 (LHD *A)	R16	82 (LHD L/B)
J18 A	84 (LHD W/G)		70 (LHD *B)		84 (LHD W/G)
J19 B	84 (LHD W/G)		72 (LHD 2C-TE)		100 (RHD L/B)
J26	96 (RHD)		74 (LHD 2C-T)		102 (RHD W/G)
J27	96 (RHD)		86 (RHD 3S-FE)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)

REAR WIPER AND WASHER

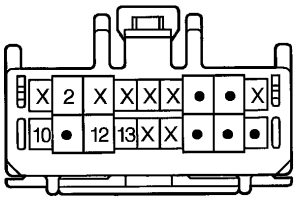
: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	
II1	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)
BC1	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BD2	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
	138 (RHD L/B)	
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF2	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	

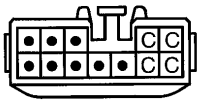
: GROUND POINTS

Code	See Page	Ground Points Location
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
BQ	120 (LHD L/B)	Back Door Center
	138 (RHD L/B)	
BR	122 (LHD W/G)	Rear Quarter Panel LH
	140 (RHD W/G)	

C13 BLACK

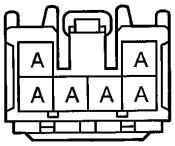


J5 GRAY



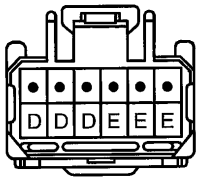
(Hint : See Page 7, 23, 39)

J9



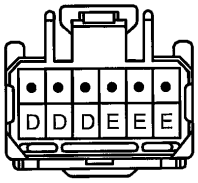
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



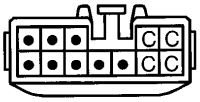
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



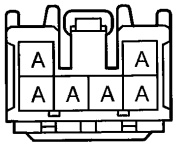
(Hint : See Page 7, 23, 39)

J26 GRAY



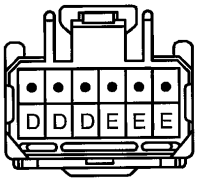
(Hint : See Page 7, 23, 39)

J27



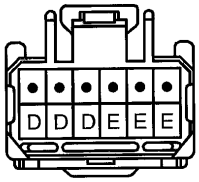
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



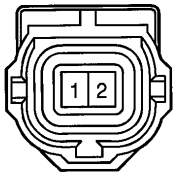
(Hint : See Page 7, 23, 39)

J37 (B) BLACK

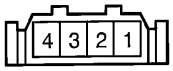


(Hint : See Page 7, 23, 39)

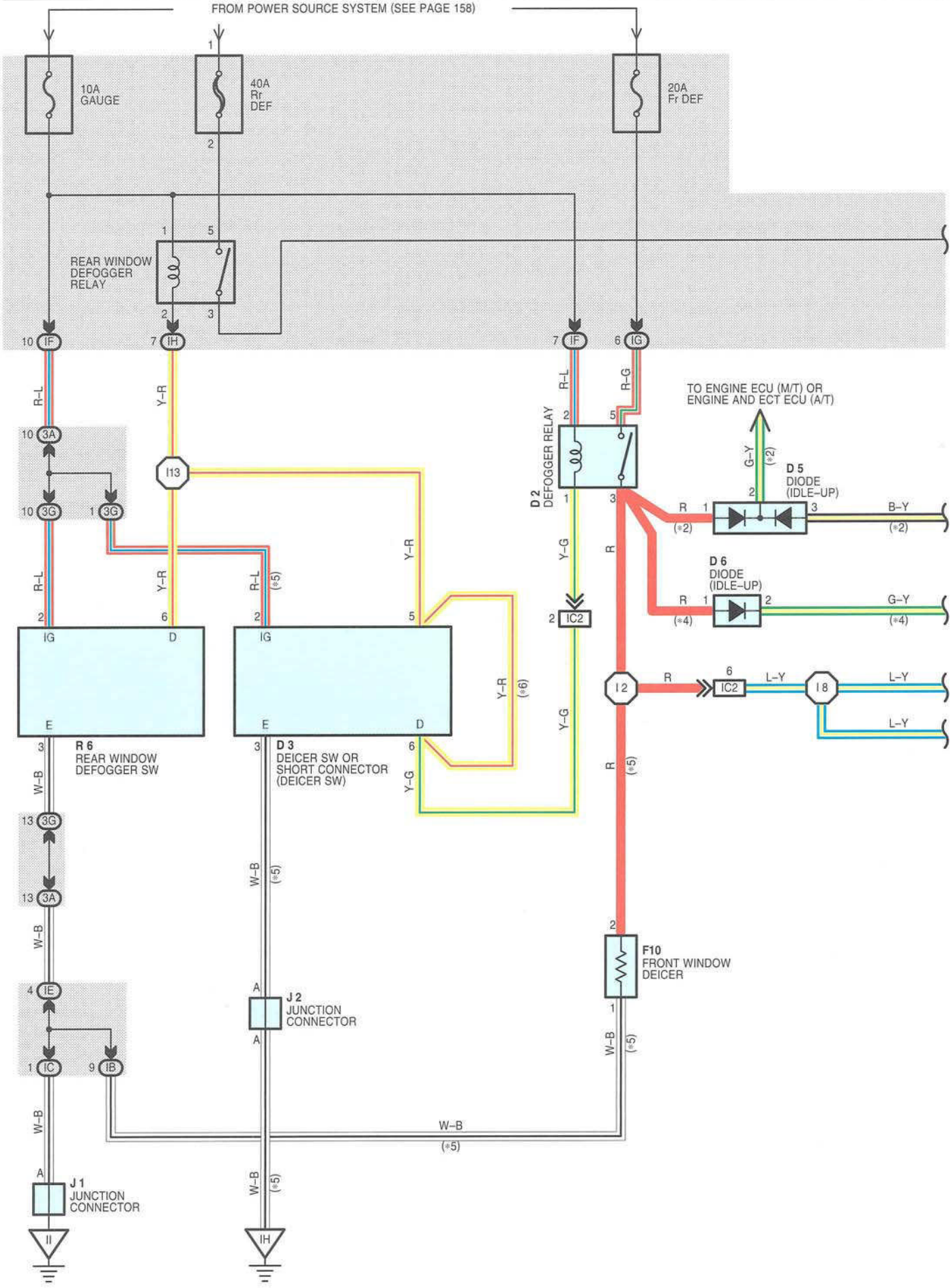
R2 RED



R16 BLACK

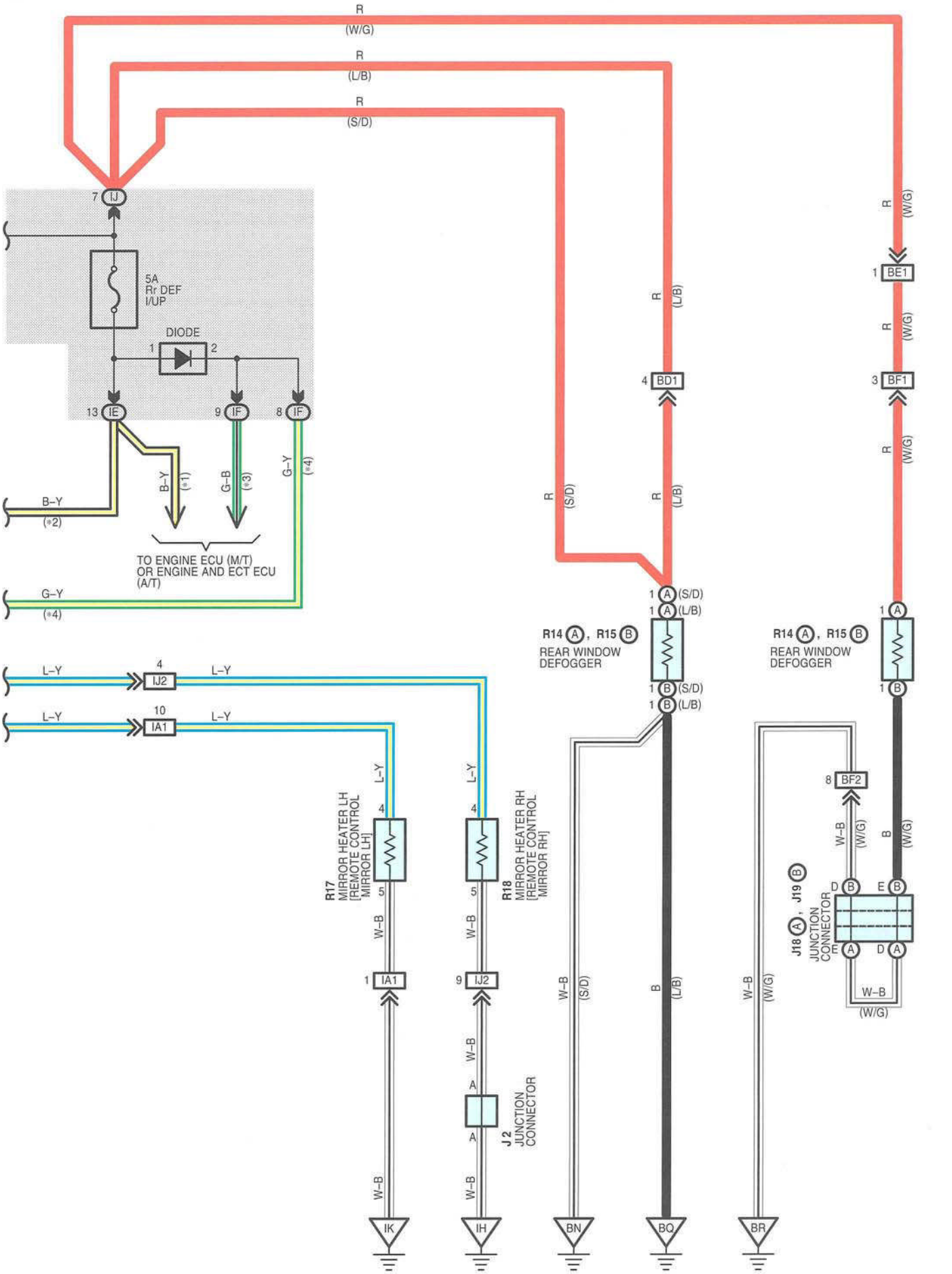


FRONT WINDOW DEICER AND REAR WINDOW DEFOGGER AND



MIRROR HEATER (LHD)

* 1 : 4A–FE, 7A–FE W/O FRONT WINDOW DEICER
* 2 : 4A–FE, 7A–FE W/ FRONT WINDOW DEICER
* 3 : 3S–FE
* 4 : 3S–FE EUROPE, 2C–TE, 2C–T
* 5 : W/ FRONT WINDOW DEICER
* 6 : W/O FRONT WINDOW DEICER



FRONT WINDOW DEICER AND REAR WINDOW DEFOGGER AND

SERVICE HINTS

REAR WINDOW DEFOGGER RELAY

5-3 : Closed with the ignition SW at **ON** position and the rear window defogger SW on

D2 DEFOGGER RELAY

5-3 : Closed with the ignition SW at **ON** position and rear window defogger SW on (w/o front window deicer)
: Closed with the ignition SW at **ON** position and deicer SW on (w/ front window deicer)

○ : PARTS LOCATION

Code	See Page	Code		See Page	Code		See Page
D2	76 (LHD)	J2		78 (LHD)	R15	B	82 (LHD L/B)
D3	76 (LHD)	J18	A	84 (LHD W/G)			84 (LHD W/G)
D5	76 (LHD)	J19	B	84 (LHD W/G)	R17		80 (LHD S/D)
D6	76 (LHD)	R6		78 (LHD)			82 (LHD L/B)
F10	66 (LHD 3S-FE)	R14	A	80 (LHD S/D)			84 (LHD W/G)
	68 (LHD *A)			82 (LHD L/B)	R18		80 (LHD S/D)
	72 (LHD 2C-TE)			84 (LHD W/G)			82 (LHD L/B)
J1	78 (LHD)	R15	B	80 (LHD S/D)			84 (LHD W/G)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IJ2	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BD1	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
BE1	122 (LHD W/G)	Roof No.3 Wire and Floor Wire (Left Qurter Panel)
BF1	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2	122 (LHD W/G)	

MIRROR HEATER (LHD)

: GROUND POINTS

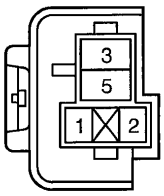
* A : 7A-FE, 4A-FE Lean Burn Type

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IK	114 (LHD)	Right Kick Panel
BN	118 (LHD S/D)	Right Quarter Pillar
BQ	120 (LHD L/B)	Back Door Center
BR	122 (LHD W/G)	Rear Quarter Panel LH

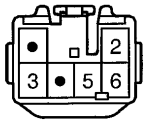
: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	116 (LHD)	Cowl Wire	I8	116 (LHD)	Instrument Panel Wire
I13	116 (LHD)	Instrument Panel Wire			

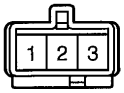
D2



D3



D5 ORANGE



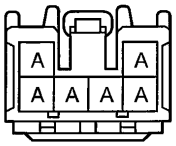
D6 BLACK



F10 BLACK

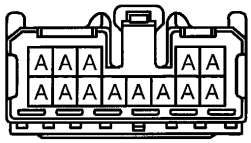


J1



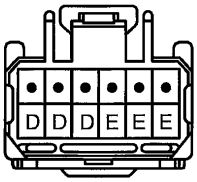
(Hint : See Page 7, 23, 39)

J2 ORANGE



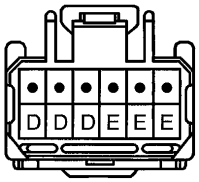
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



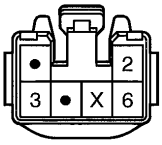
(Hint : See Page 7, 23, 39)

J19 (B) BLACK



(Hint : See Page 7, 23, 39)

R6 DARK GARY



(S/D) R14 (A)



(L/B) R14 (A) BLACK



(W/G) R14 (A)



(S/D) R15 (B) BLACK



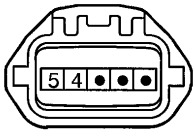
(L/B) R15 (B) BLACK



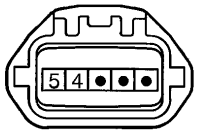
(W/G) R15 (B)



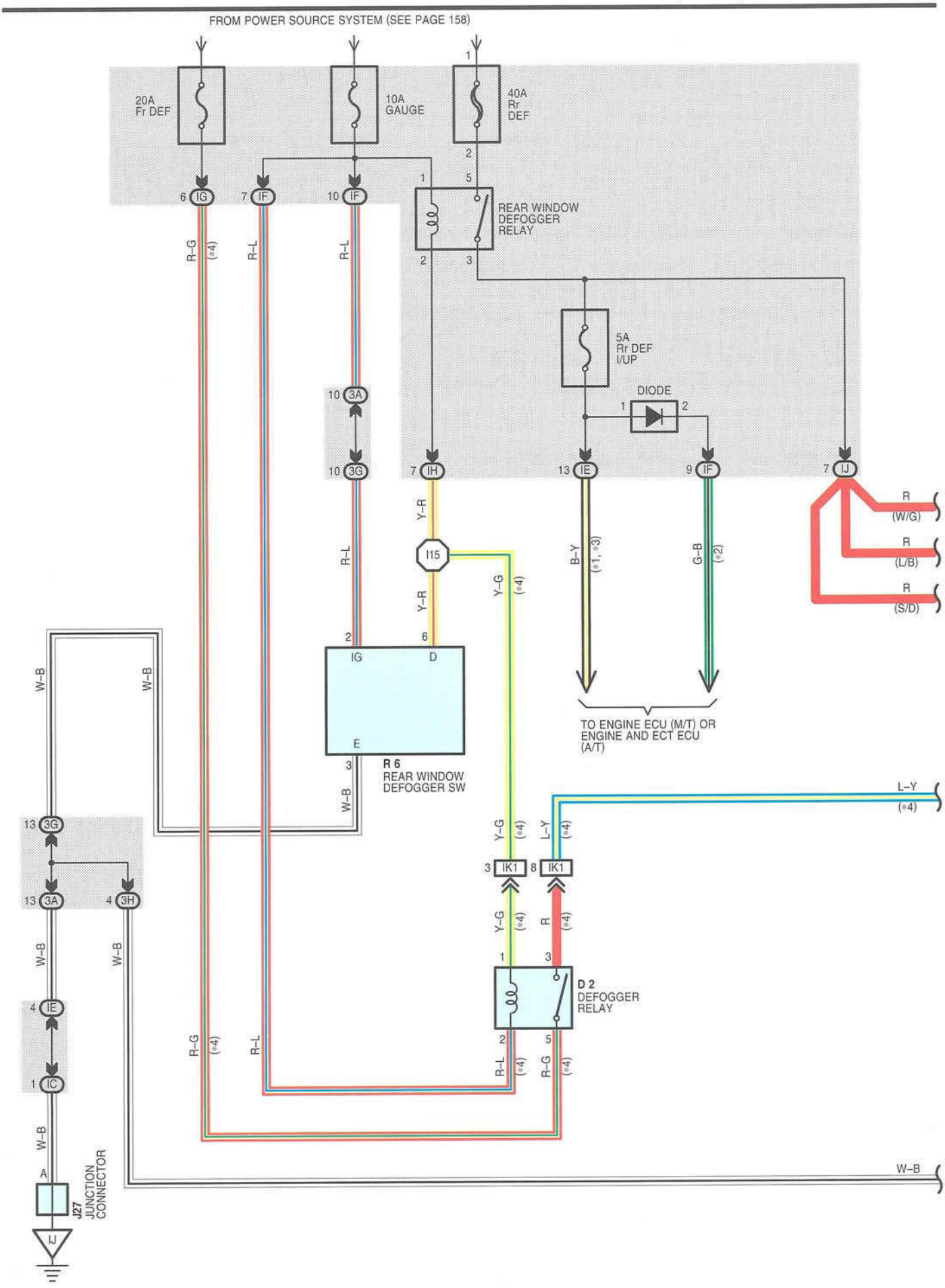
R17



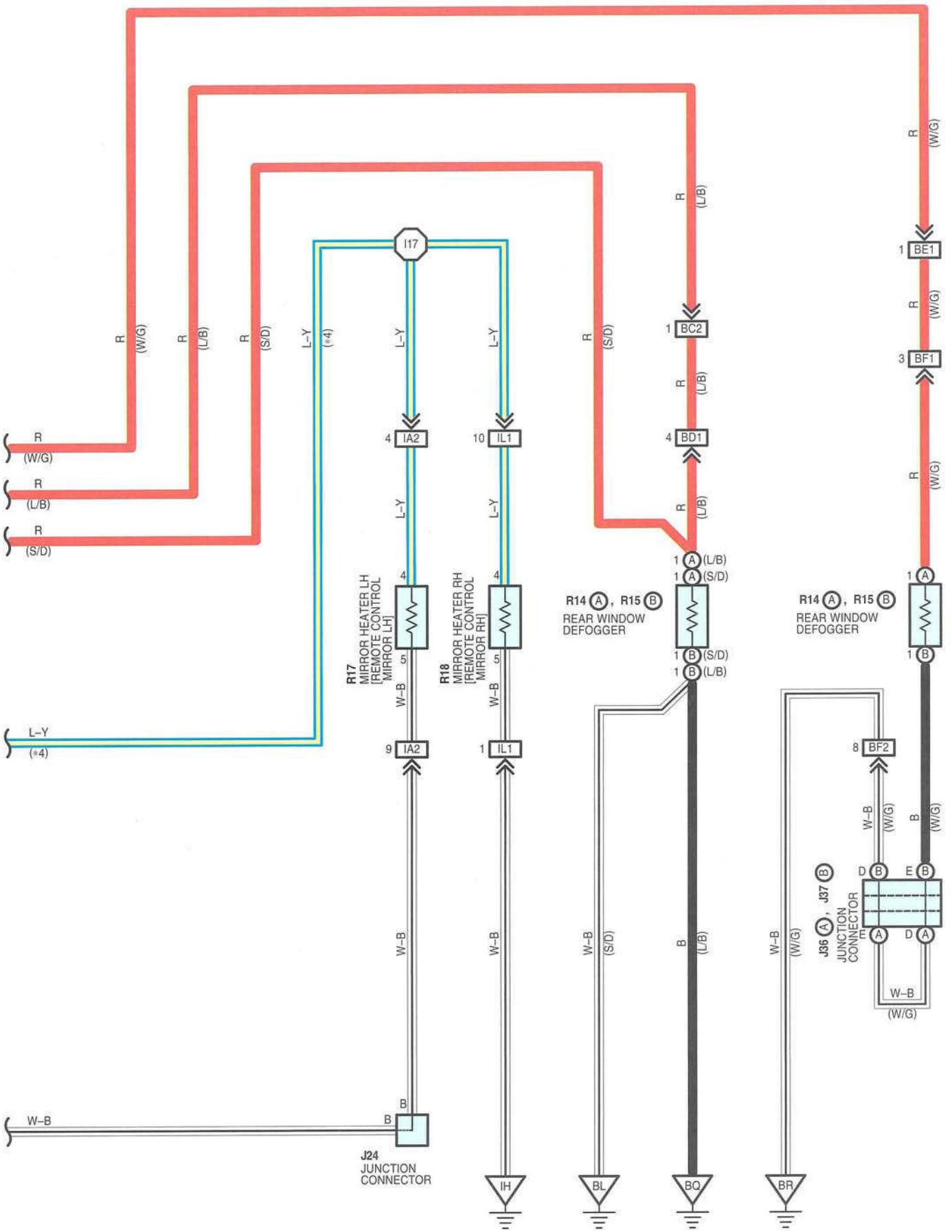
R18



REAR WINDOW DEFOGGER AND MIRROR HEATER (RHD)



* 1 : LEAN BURN TYPE
* 2 : 3S-FE
* 3 : STOICHIOMETRIC TYPE
* 4 : EUROPE



REAR WINDOW DEFOGGER AND MIRROR HEATER (RHD)

SERVICE HINTS

REAR WINDOW DEFOGGER RELAY

5-3 : Closed with the ignition SW at **ON** position and rear window defogger SW on

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
D2		94 (RHD)	R14	A	98 (RHD S/D)	R17	98 (RHD S/D)
J24		96 (RHD)			100 (RHD L/B)		100 (RHD L/B)
J27		96 (RHD)			102 (RHD W/G)		102 (RHD W/G)
J36	A	102 (RHD W/G)	R15	B	98 (RHD S/D)	R18	98 (RHD S/D)
J37	B	102 (RHD W/G)			100 (RHD L/B)		100 (RHD L/B)
R6		96 (RHD)			102 (RHD W/G)		102 (RHD W/G)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	132 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BC2	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BD1	138 (RHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
BE1	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF1	140 (RHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2	140 (RHD W/G)	

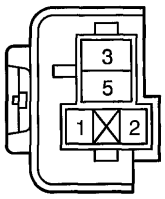
▽ : GROUND POINTS

Code	See Page	Ground Points Location
IH	132 (RHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel
BL	136 (RHD S/D)	Left Quarter Pillar
BQ	138 (RHD L/B)	Back Door Center
BR	140 (RHD W/G)	Rear Quarter Panel LH

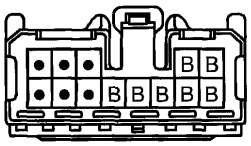
⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I15	134 (RHD)	Instrument Panel Wire	I17	134 (RHD)	Instrument Panel Wire

D2

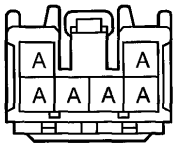


J24 GRAY



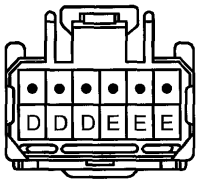
(Hint : See Page 7, 23, 39)

J27



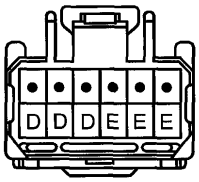
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



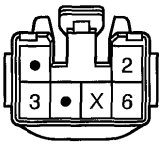
(Hint : See Page 7, 23, 39)

J37 (B) BLACK



(Hint : See Page 7, 23, 39)

R6 DARK GRAY



(S/D) R14 (A)



(L/B) R14 (A) BLACK



(W/G) R14 (A)



(S/D) R15 (B) BLACK



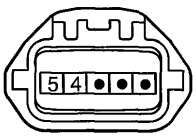
(L/B) R15 (B) BLACK



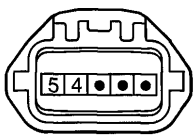
(W/G) R15 (B)

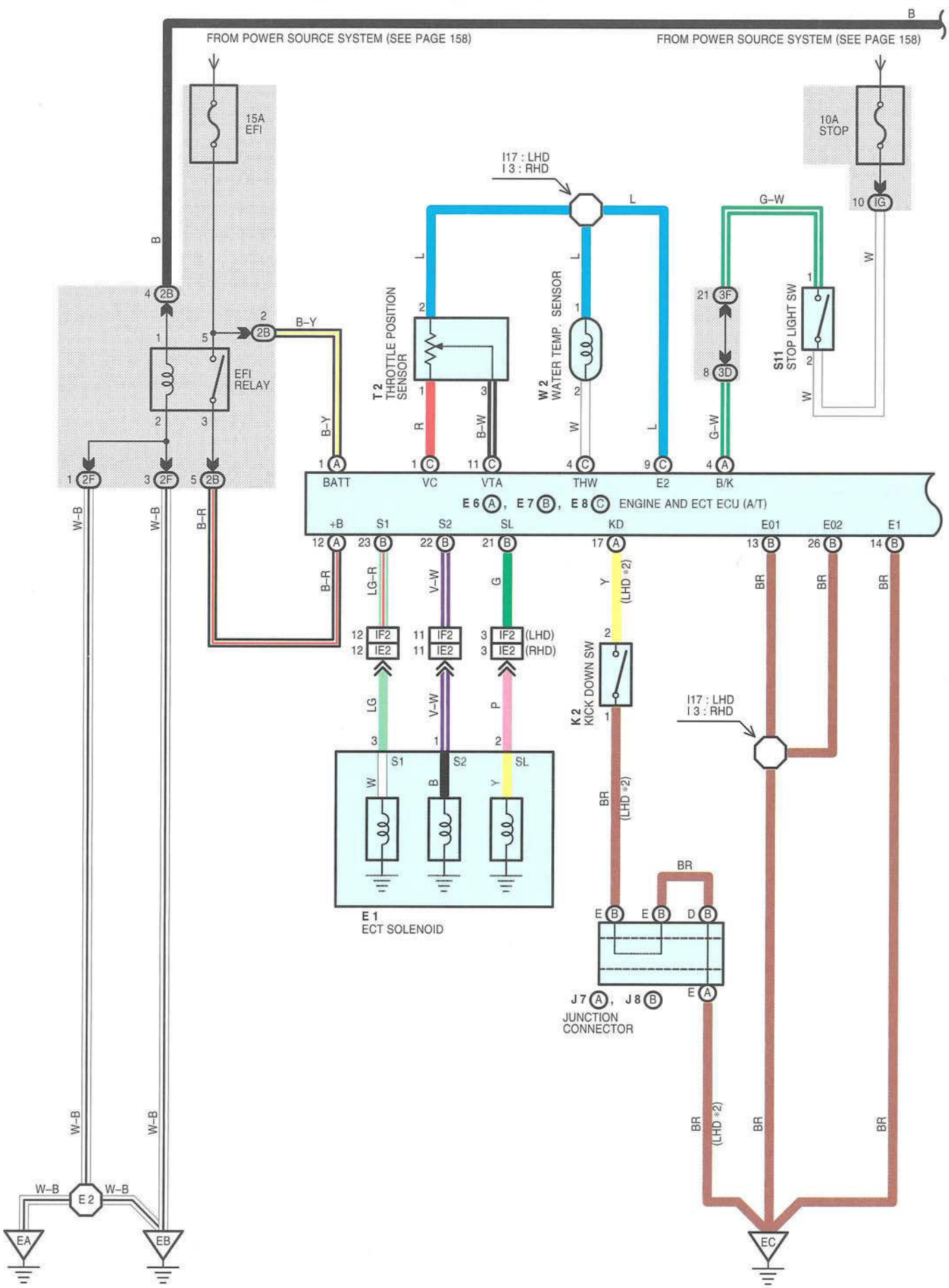


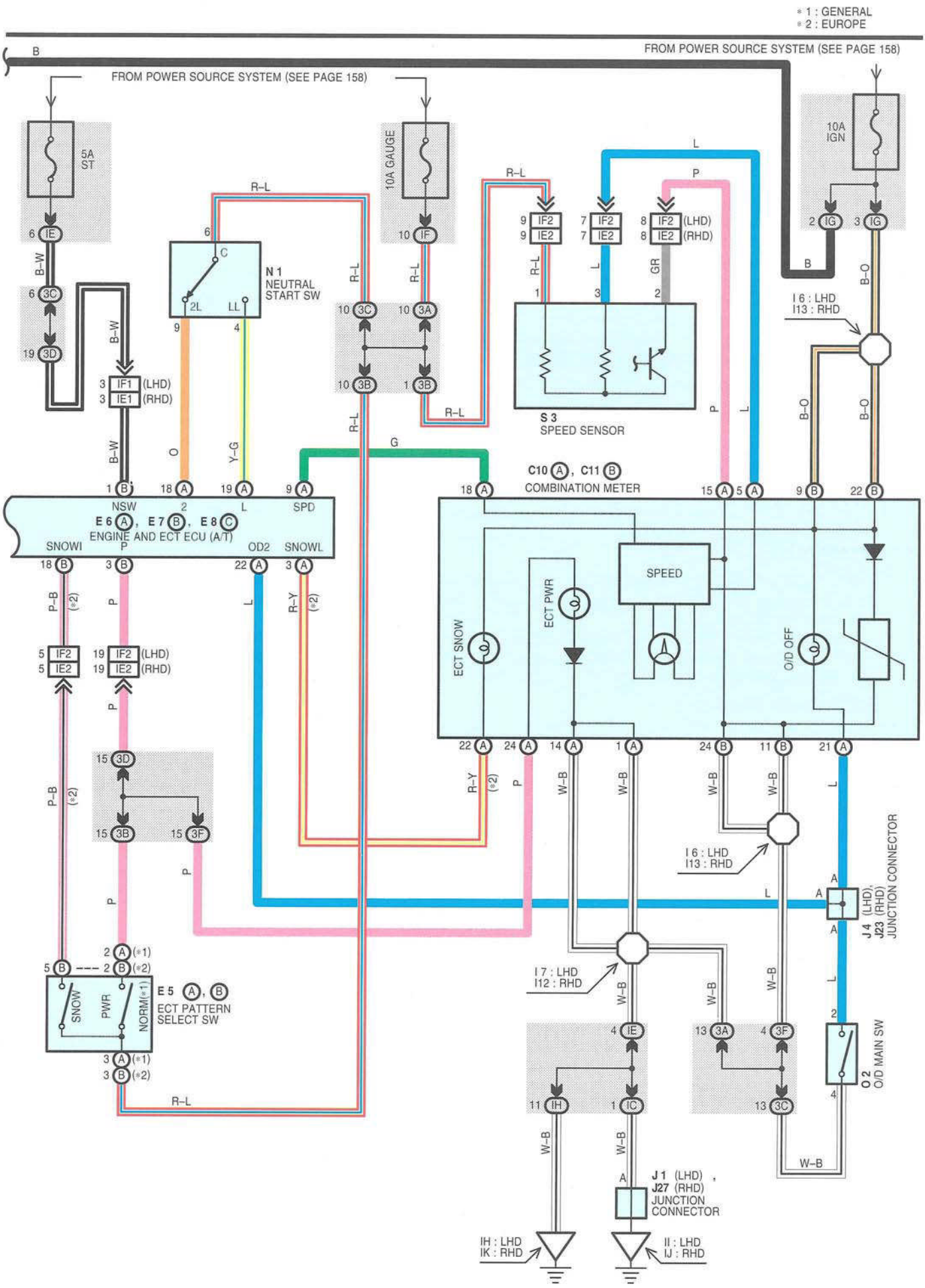
R17



R18




FROM POWER SOURCE SYSTEM (SEE PAGE 158)
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
B
15A EFI
10A STOP
I17 : LHD
I 3 : RHD
EFI RELAY
T2 THROTTLE POSITION SENSOR
W2 WATER TEMP. SENSOR
S11 STOP LIGHT SW
K2 KICK DOWN SW
E1 ECT SOLENOID
J7, J8 JUNCTION CONNECTOR
E6, E7, E8 ENGINE AND ECT ECU (A/T)
BATT
VC
VTA
THW
E2
B/K
+B
S1
S2
SL
KD
E01
E02
E1
IF2
IE2
(LHD)
(RHD)
(LHD *2)
E2
EA
EB
EC


* 1 : GENERAL
* 2 : EUROPE
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
5A ST
10A GAUGE
10A IGN
N 1 NEUTRAL START SW
S 3 SPEED SENSOR
C10 (A), C11 (B) COMBINATION METER
E6 (A), E7 (B), E8 (C) ENGINE AND ECT ECU (A/T)
E5 (A), (B) ECT PATTERN SELECT SW
I6 : LHD I13 : RHD
I7 : LHD I12 : RHD
J4 (LHD), J23 (RHD) JUNCTION CONNECTOR
O2 O/D MAIN SW
J1 (LHD), J27 (RHD) JUNCTION CONNECTOR
IH : LHD IK : RHD
II : LHD IJ : RHD
SPEED
ECT SNOW
ECT PWR
O/D OFF
SNOW
PWR
NORM(*1)
NSW
SPD
SNOWI
OD2
SNOWL

SYSTEM OUTLINE

This system electronically controls the gear shift timing, lock-up timing, the clutch and brake hydraulic pressure, and the engine torque during shifting to achieve optimum shift feeling.
The vehicle driving conditions and engine operating conditions are detected by various sensors.

1. GEAR SHIFT OPERATION

During driving, the engine and ECT ECU selects the shift for each gear which is most appropriate to the driving conditions based on input signals from the water temp. sensor to **TERMINAL THW** of the engine and ECT ECU, and also a control signal is input to **TERMINAL SPD** of the engine and ECT ECU from the speed sensor via the combination meter. Current is then output to the ECT solenoid. When shifting to 1st speed, current flows from **TERMINAL S1** of the engine and ECT ECU to **TERMINAL 3** of the ECT solenoid to **GROUND**, and continuity to the no. 1 solenoid causes the shift.
For 2nd speed, current flows from **TERMINAL S1** of the engine and ECT ECU to **TERMINAL 3** of the ECT solenoid to **GROUND**, and from **TERMINAL S2** of the engine and ECT ECU to **TERMINAL 1** of the ECT solenoid to **GROUND**, and continuity to solenoids no. 1 and no. 2 causes the shift.
For 3rd speed, there is no continuous to no. 1 solenoid, only to no. 2, causing the shift.
Shifting into 4th speed (Overdrive) takes place when there is no continuity to either no. 1 or no. 2 solenoid.

2. LOCK-UP OPERATION

When the engine and ECT ECU judges from each signal that lock-up operation conditions have been met, current flows from **TERMINAL SL** of the engine and ECT ECU to **TERMINAL 2** of the ECT solenoid to **GROUND**, continuity to the lock-up solenoid causes lock-up operation.

3. STOP LIGHT SW CIRCUIT

If the brake pedal is depressed (Stop light SW on) when driving in lock-up condition, a signal is input to **TERMINAL B/K** of the engine and ECT ECU, the engine and ECT ECU operates and current to the lock-up solenoid is cut off.

4. OVERDRIVE CIRCUIT

* O/D main SW on
  When the O/D main SW is turned on (SW point is open), a signal is input to **TERMINAL OD2** of the engine and ECT ECU and engine and ECT ECU operation causes gear shift when the conditions for overdrive are met.
* O/D main SW off
  When the O/D main SW is turned off (SW point is closed), the current flowing through the O/D off indicator light flows through the O/D main SW to **GROUND**, causing the indicator light to light up. At the same time, a signal is input to **TERMINAL OD2** of the engine and ECT ECU and engine and ECT ECU operation prevents shift into overdrive.

5. ECT PATTERN SELECT SW

If the ECT pattern select SW is changed from normal to power, the current through the power indicator flows to **GROUND**, current flows to **TERMINAL P** of the engine and ECT ECU, the engine and ECT ECU operates, and shift up and shift down occurs at higher vehicle speeds than when the SW is in **NORM** position.

SERVICE HINTS

E6 (A), E7 (B), E8 (C) ENGINE AND ECT ECU

BATT-GROUND : **9.0-14.0** volts (Always)
+B-GROUND : **9.0-14.0** volts (Ignition SW on)
VTA-GROUND : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve open)
VC-GROUND : **4.5-5.5** volts (Ignition SW on)
THW-GROUND : **0.2-1.0** volts (Ignition SW on and coolant temp. **80**°C (**176**°F))
B/K-GROUND : **9.0-14.0** volts (Brake pedal depress)
S1, S2-GROUND : **9.0-14.0** volts with the ignition SW on (Engine running)
OD2-GROUND : **0-3.0** volts with the O/D main SW turned on
: **9.0-14.0** volts with the O/D main SW turned off
2-GROUND : **7.5-14.0** volts with the shift lever at **2** position
: **0-1.5** volts with the shift lever at except **2** position
L-GROUND : **7.5-14.0** volts with the shift lever at **L** position
: **0-1.5** volts with the shift lever at except **L** position

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code	See Page
C10	A	76 (LHD)	E7	B	94 (RHD)	N1	86 (RHD 3S-FE)
		94 (RHD)	E8	C	76 (LHD)	O2	78 (LHD)
C11	B	76 (LHD)			94 (RHD)		96 (RHD)
		94 (RHD)	J1		78 (LHD)	S3	66 (LHD 3S-FE)
E1		66 (LHD 3S-FE)	J4		78 (LHD)		86 (RHD 3S-FE)
		86 (RHD 3S-FE)	J7	A	78 (LHD)	S11	78 (LHD)
E5	A, B	76 (LHD)	J8	B	78 (LHD)		96 (RHD)
		94 (RHD)	J23		96 (RHD)	T2	66 (LHD 3S-FE)
E6	A	76 (LHD)	J27		96 (RHD)		86 (RHD 3S-FE)
		94 (RHD)	K2		78 (LHD)	W2	66 (LHD 3S-FE)
E7	B	76 (LHD)	N1		66 (LHD 3S-FE)		86 (RHD 3S-FE)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2		
IF1	114 (LHD)	
IF2		

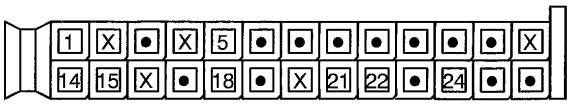
▽ : GROUND POINTS

Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight LH
	124 (RHD 3S-FE)	
EB	104 (LHD 3S-FE)	
	124 (RHD 3S-FE)	
EC	104 (LHD 3S-FE)	Behind the Intake Manifold
	124 (RHD 3S-FE)	
II	114 (LHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel
IH	114 (LHD)	Left Kick Panel
IK	132 (RHD)	Right Kick Panel

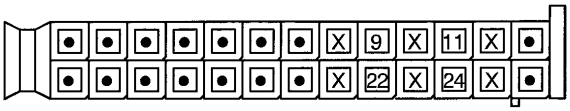
: **SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	I7	116 (LHD)	Cowl Wire
	124 (RHD 3S-FE)		I12	134 (RHD)	
I3	134 (RHD)	Engine Wire	I13		
I6	116 (LHD)	Cowl Wire	I17	116 (LHD)	Engine Wire

C10 (A) BLACK



C11 (B) GREEN



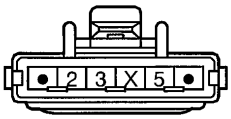
E1 BLACK



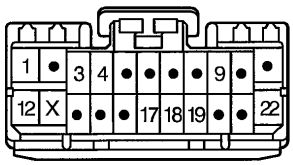
(General) E5 (A) BLACK



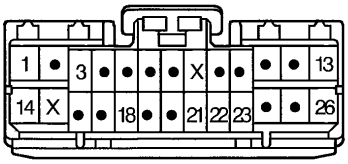
(Europe) E5 (B) BLACK



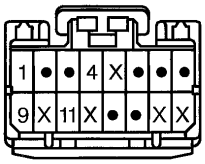
E6 (A)



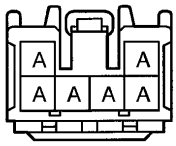
E7 (B)



E8 (C)

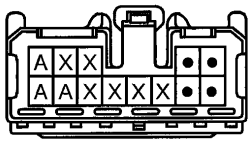


J1



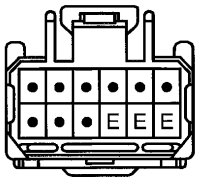
(Hint : See Page 7, 23, 39)

J4 BLUE



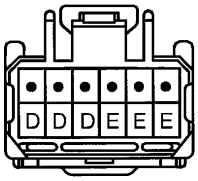
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



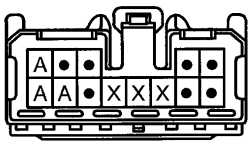
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



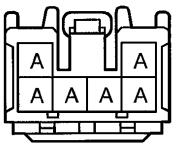
(Hint : See Page 7, 23, 39)

J23 BLUE



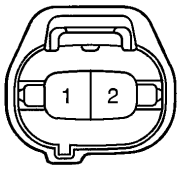
(Hint : See Page 7, 23, 39)

J27

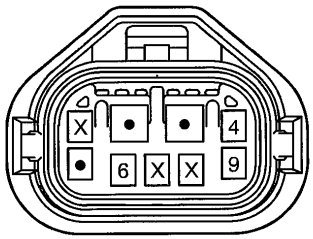


(Hint : See Page 7, 23, 39)

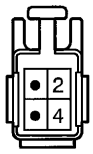
K2 BLACK



N1 GRAY



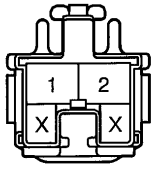
O2



S3 BLACK



S11 BLACK



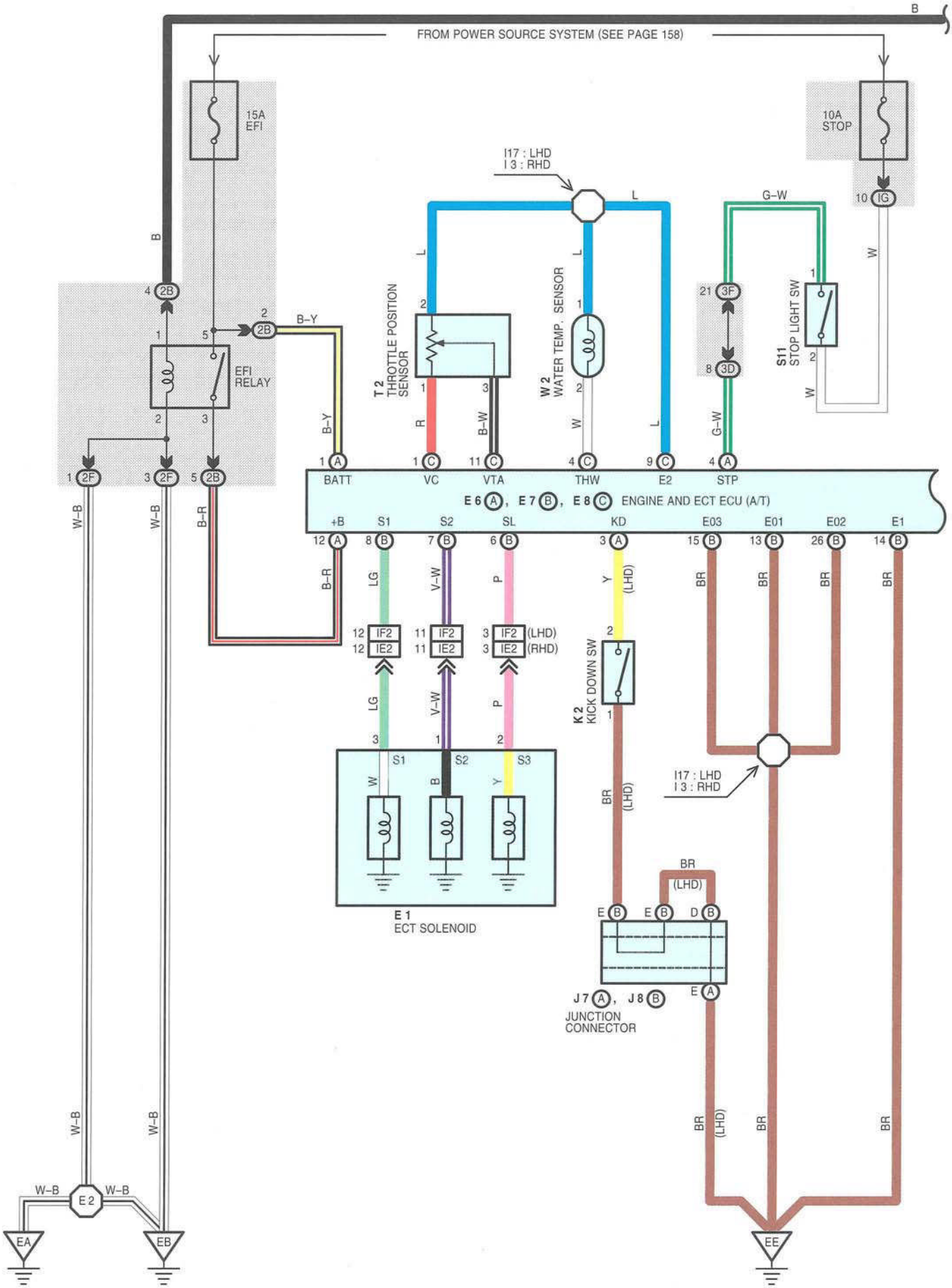
T2 BLACK

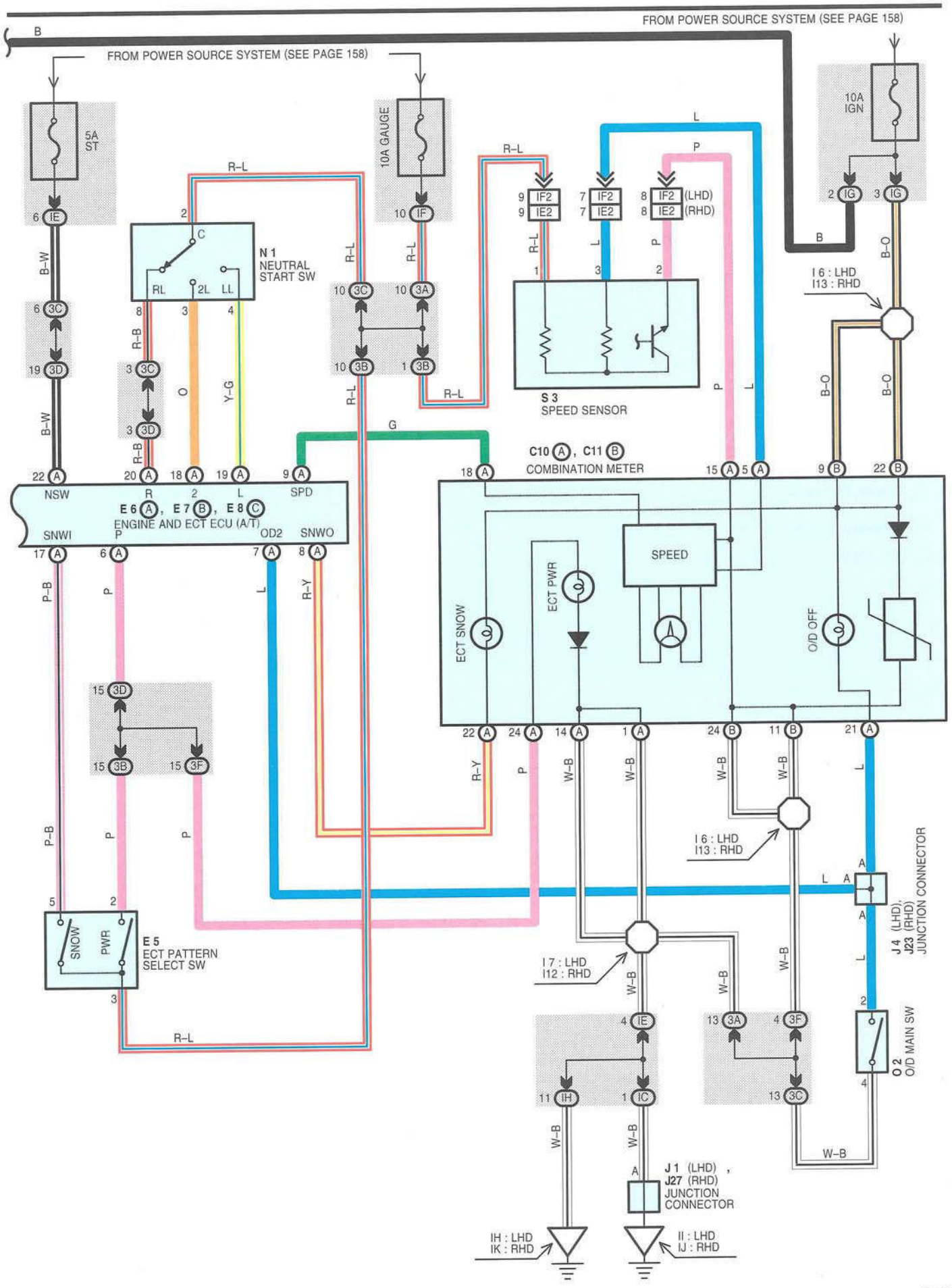


W2 DARK GRAY



ECT (LEAN BURN TYPE)




FROM POWER SOURCE SYSTEM (SEE PAGE 158)
FROM POWER SOURCE SYSTEM (SEE PAGE 158)
B
5A ST
10A GAUGE
10A IGN
N 1 NEUTRAL START SW
S 3 SPEED SENSOR
C10 A, C11 B COMBINATION METER
E6 A, E7 B, E8 C ENGINE AND ECT ECU (A/T)
NSW
R
2
L
SPD
SNWI
P
OD2
SNWO
SPEED
ECT SNOW
ECT PWR
O/D OFF
I6 : LHD I13 : RHD
I7 : LHD I12 : RHD
E5 ECT PATTERN SELECT SW
SNOW
PWR
J4 (LHD), J23 (RHD) JUNCTION CONNECTOR
O2 O/D MAIN SW
J1 (LHD), J27 (RHD) JUNCTION CONNECTOR
IH : LHD IK : RHD
II : LHD IJ : RHD

ECT (LEAN BURN TYPE)

SYSTEM OUTLINE

This system electronically controls the gear shift timing, lock-up timing, the clutch and brake hydraulic pressure, and the engine torque during shifting to achieve optimum shift feeling.
The vehicle driving conditions and engine operating conditions are detected by various sensors.

1. GEAR SHIFT OPERATION

During driving, the engine and ECT ECU selects the shift for each gear which is most appropriate to the driving conditions based on input signals from the water temp. sensor to **TERMINAL THW** of the engine and ECT ECU, and also a control signal is input to **TERMINAL SPD** of the engine and ECT ECU from the speed sensor via combination meter. Current is then output to the ECT solenoid. When shifting to 1st speed, current flows from **TERMINAL S1** of the engine and ECT ECU to **TERMINAL 3** of the ECT solenoid to **GROUND**, and continuity to the no. 1 solenoid causes the shift.
For 2nd speed, current flows from **TERMINAL S1** of the engine and ECT ECU to **TERMINAL 3** of the ECT solenoid to **GROUND**, and from **TERMINAL S2** of the engine and ECT ECU to **TERMINAL 1** of the ECT solenoid to **GROUND**, and continuity to solenoids no. 1 and no. 2 causes the shift.
For 3rd speed, there is no continuous to no. 1 solenoid, only to no. 2, causing the shift.
Shifting into 4th speed (Overdrive) takes place when there is no continuity to either no. 1 or no. 2 solenoid.

2. LOCK-UP OPERATION

When the engine and ECT ECU judges from each signal that lock-up operation conditions have been met, current flows from **TERMINAL SL** of the engine and ECT ECU to **TERMINAL 2** of the ECT solenoid to **GROUND**, continuity to the lock-up solenoid causes lock-up operation.

3. STOP LIGHT SW CIRCUIT

If the brake pedal is depressed (Stop light SW on) when driving in lock-up condition, a signal is input to **TERMINAL STP** of the engine and ECT ECU, the engine and ECT ECU operates and current to the lock-up solenoid is cut off.

4. OVERDRIVE CIRCUIT

* O/D main SW on
  When the O/D main SW is turned on (SW point is open), a signal is input to **TERMINAL OD2** of the engine and ECT ECU and engine and ECT ECU operation causes gear shift when the conditions for overdrive are met.
* O/D main SW off
  When the O/D main SW is turned off (SW point is closed), the current flowing through the O/D off indicator light flows through the O/D main SW to **GROUND**, causing the indicator light to light up. At the same time, a signal is input to **TERMINAL OD2** of the engine and ECT ECU and engine and ECT ECU operation prevents shift into overdrive.

5. ECT PATTERN SELECT SW

If the ECT pattern select SW is changed from normal to power, the current through the power indicator flows to **GROUND**, current flows to **TERMINAL P** of the engine and ECT ECU, the engine and ECT ECU operates, and shift up and shift down occurs at higher vehicle speeds than when the SW is in **NORMAL** position.

SERVICE HINTS

E6 (A), E7 (B), E8 (C) ENGINE AND ECT ECU

BATT-E1 : **9.0-14.0** volts (Always)
+B-E1 : **9.0-14.0** volts (Ignition SW on)
VTA-E2 : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve open)
VC-E2 : **4.5-5.5** volts (Ignition SW on)
THW-E2 : **0.2-1.0** volts (Ignition SW on and coolant temp. **80**°C (**176**°F))
STP-E1 : **9.0-14.0** volts (Brake pedal depress)
S1, S2-E1 : **9.0-14.0** volts with the ignition SW on (Engine running)
OD2-E1 : **0-3.0** volts with the O/D main SW turned on
: **9.0-14.0** volts with the O/D main SW turned off
2-E1 : **7.5-14.0** volts with the shift lever at **2** position
: **0-1.5** volts with the shift lever at except **2** position
L-E1 : **7.5-14.0** volts with the shift lever at **L** position
: **0-1.5** volts with the shift lever at except **L** position

○ : PARTS LOCATION

* A : 7A-FE, 4A-FE Lean Burn Type

Code		See Page	Code		See Page	Code	See Page
C10	A	76 (LHD)	E7	B	94 (RHD)	N1	88 (RHD *A)
		94 (RHD)	E8	C	76 (LHD)	O2	78 (LHD)
C11	B	76 (LHD)			94 (RHD)		96 (RHD)
		94 (RHD)	J1		78 (LHD)	S3	68 (LHD *A)
E1		68 (LHD *A)	J4		78 (LHD)		88 (RHD *A)
		88 (RHD *A)	J7	A	78 (LHD)	S11	78 (LHD)
E5		76 (LHD)	J8	B	78 (LHD)		96 (RHD)
		94 (RHD)	J23		96 (RHD)	T2	68 (LHD *A)
E6	A	76 (LHD)	J27		96 (RHD)		88 (RHD *A)
		94 (RHD)	K2		78 (LHD)	W2	68 (LHD *A)
E7	B	76 (LHD)	N1		68 (LHD *A)		88 (RHD *A)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	114 (LHD)	

ECT (LEAN BURN TYPE)

▽ : **GROUND POINTS**

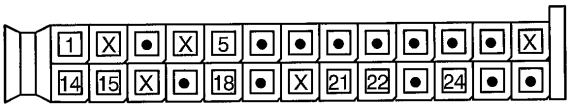
* A : 7A-FE, 4A-FE Lean Burn Type

Code	See Page	Ground Points Location
EA	106 (LHD *A)	Under the Headlight RH
	126 (RHD *A)	
EB	106 (LHD *A)	Under the Headlight LH
	126 (RHD *A)	
EE	106 (LHD *A)	Under the Intake Manifold
	126 (RHD *A)	
II	114 (LHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel
IH	114 (LHD)	Left Kick Panel
IK	132 (RHD)	Right Kick Panel

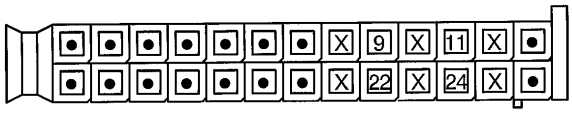
○ : **SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	106 (LHD *A)	Engine Room Main Wire	I7	116 (LHD)	Cowl Wire
	126 (RHD *A)		I12	134 (RHD)	Cowl Wire
I3	134 (RHD)	Engine Wire	I13		
I6	116 (LHD)	Cowl Wire	I17	116 (LHD)	Engine Wire

C10 (A) BLACK



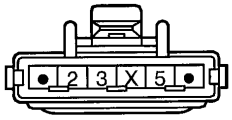
C11 (B) GREEN



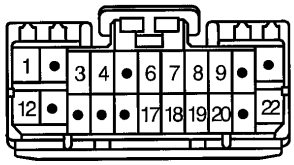
E1 BLACK



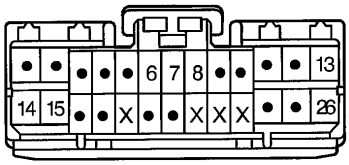
E5 BLACK



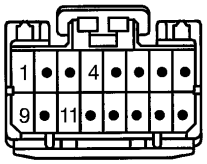
E6 (A)



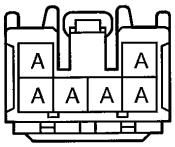
E7 (B)



E8 (C)

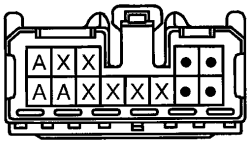


J1



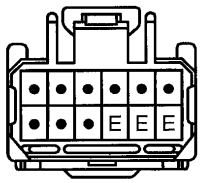
(Hint : See Page 7, 23, 39)

J4 BLUE



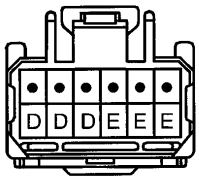
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



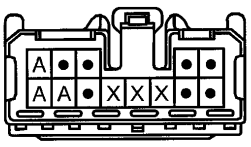
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



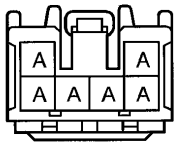
(Hint : See Page 7, 23, 39)

J23 BLUE



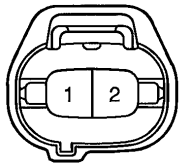
(Hint : See Page 7, 23, 39)

J27

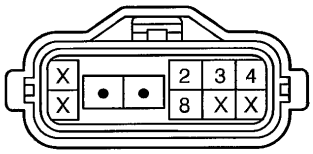


(Hint : See Page 7, 23, 39)

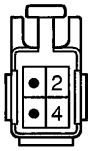
K2 BLACK



N1 GRAY



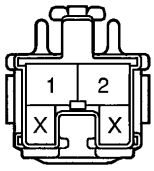
O2



S3 BLACK



S11 BLUE



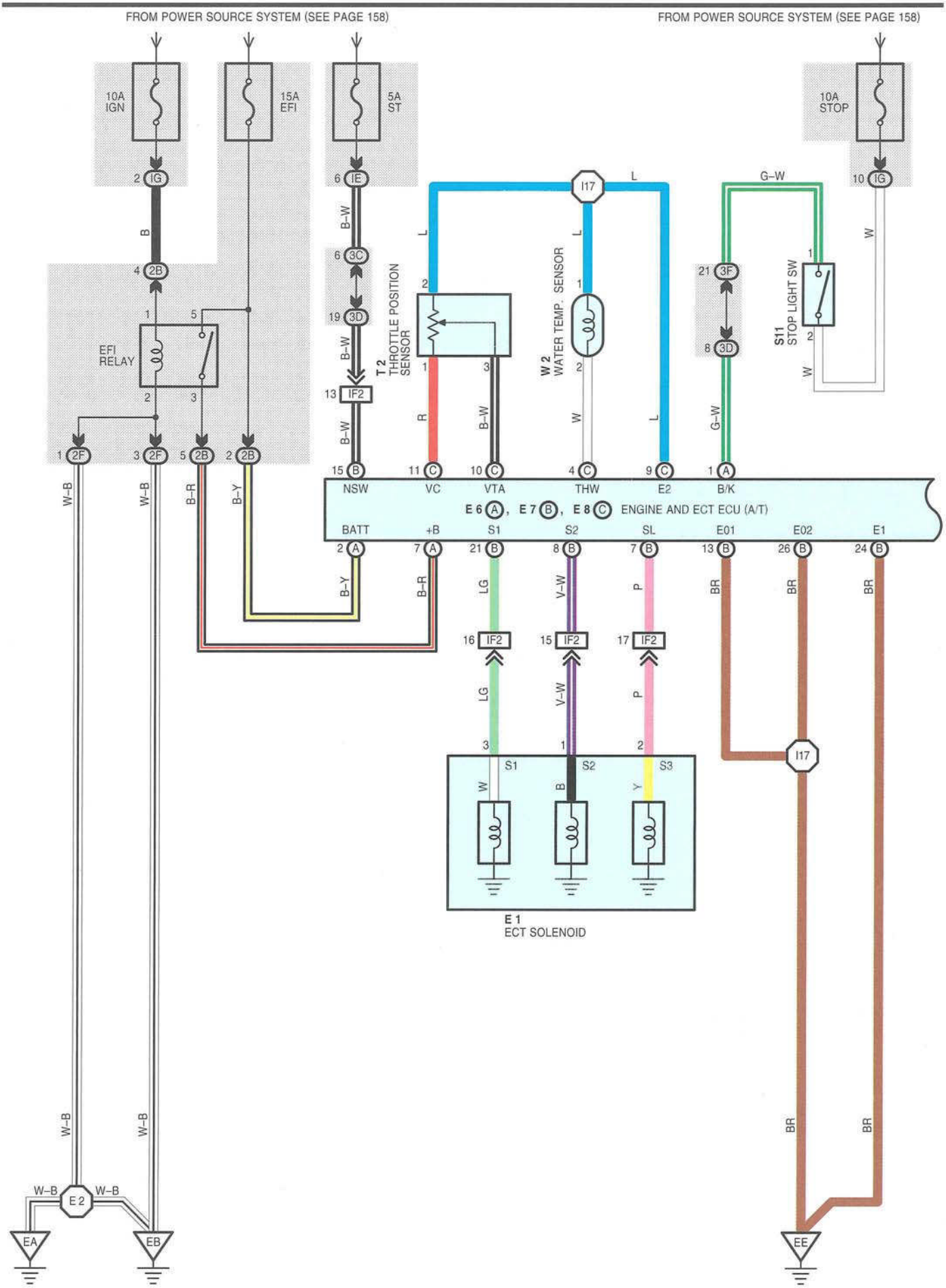
T2 BLACK

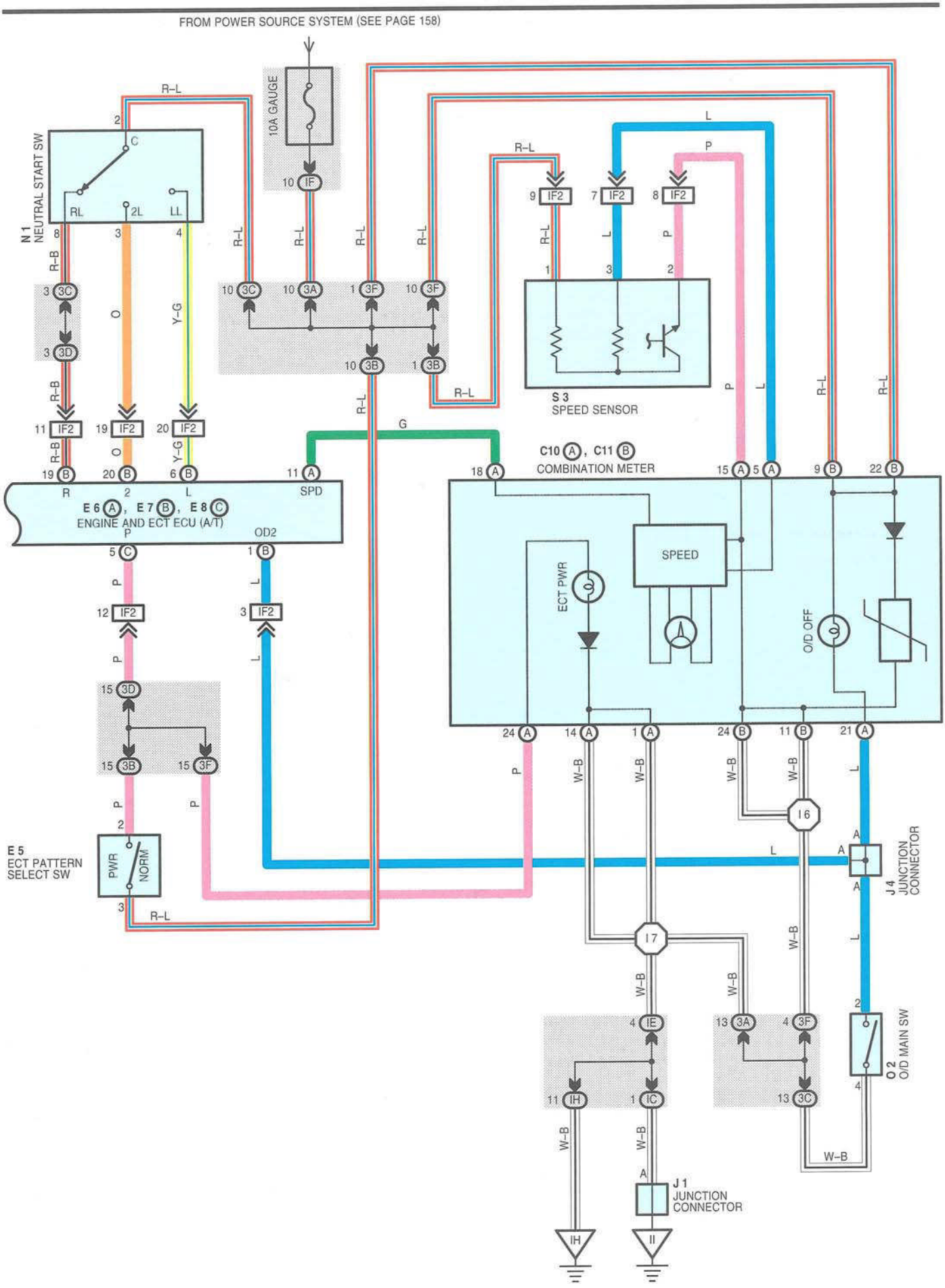


W2 DARK GRAY



ECT (4A-FE GENERAL STOICHIOMETRIC TYPE)




FROM POWER SOURCE SYSTEM (SEE PAGE 158)
10A GAUGE
N 1
NEUTRAL START SW
RL
2L
LL
S 3
SPEED SENSOR
C10 A, C11 B
COMBINATION METER
SPEED
ECT PWR
O/D OFF
E 6 A, E 7 B, E 8 C
ENGINE AND ECT ECU (A/T)
SPD
OD2
E 5
ECT PATTERN
SELECT SW
PWR
NORM
J 4
JUNCTION
CONNECTOR
O 2
O/D MAIN SW
J 1
JUNCTION
CONNECTOR
R-L
R-B
O
Y-G
G
P
L
W-B

ECT (4A-FE GENERAL STOICHIOMETRIC TYPE)

SYSTEM OUTLINE

This system electronically controls the gear shift timing, lock-up timing, the clutch and brake hydraulic pressure, and the engine torque during shifting to achieve optimum shift feeling.
The vehicle driving conditions and engine operating conditions are detected by various sensors.

1. GEAR SHIFT OPERATION

During driving, the engine and ECT ECU selects the shift for each gear which is most appropriate to the driving conditions based on input signals from the water temp. sensor to **TERMINAL THW** of the engine and ECT ECU, and also a control signal is input to **TERMINAL SPD** of the engine and ECT ECU from the speed sensor via combination meter. Current is then output to the ECT solenoid. When shifting to 1st speed, current flows from **TERMINAL S1** of the engine and ECT ECU to **TERMINAL 3** of the ECT solenoid to **GROUND**, and continuity to the no. 1 solenoid causes the shift.
For 2nd speed, current flows from **TERMINAL S1** of the engine and ECT ECU to **TERMINAL 3** of the ECT solenoid to **GROUND**, and from **TERMINAL S2** of the engine and ECT ECU to **TERMINAL 1** of the ECT solenoid to **GROUND**, and continuity to solenoids no. 1 and no. 2 causes the shift.
For 3rd speed, there is no continuous to no. 1 solenoid, only to no. 2, causing the shift.
Shifting into 4th speed (Overdrive) takes place when there is no continuity to either no. 1 or no. 2 solenoid.

2. LOCK-UP OPERATION

When the engine and ECT ECU judges from each signal that lock-up operation conditions have been met, current flows from **TERMINAL SL** of the engine and ECT ECU to **TERMINAL 2** of the ECT solenoid to **GROUND**, continuity to the lock-up solenoid causes lock-up operation.

3. STOP LIGHT SW CIRCUIT

If the brake pedal is depressed (Stop light SW on) when driving in lock-up condition, a signal is input to **TERMINAL B/K** of the engine and ECT ECU, the engine and ECT ECU operates and current to the lock-up solenoid is cut off.

4. OVERDRIVE CIRCUIT

* O/D main SW on
  When the O/D main SW is turned on (SW point is open), a signal is input to **TERMINAL OD2** of the engine and ECT ECU and engine and ECT ECU operation causes gear shift when the conditions for overdrive are met.
* O/D main SW off
  When the O/D main SW is turned off (SW point is closed), the current flowing through the O/D off indicator light flows through the O/D main SW to **GROUND**, causing the indicator light to light up. At the same time, a signal is input to **TERMINAL OD2** of the engine and ECT ECU and engine and ECT ECU operation prevents shift into overdrive.

5. ECT PATTERN SELECT SW

If the ECT pattern select SW is changed from normal to power, the current through the power indicator flows to **GROUND**, current flows to **TERMINAL P** of the engine and ECT ECU, the engine and ECT ECU operates, and shift up and shift down occurs at higher vehicle speeds than when the SW is in **NORM** position.

SERVICE HINTS

E6 (A), E7 (B), E8 (C) ENGINE AND ECT ECU

BATT-E1 : **9.0-14.0** volts (Always)
+B-E1 : **9.0-14.0** volts (Ignition SW on)
VTA-E2 : **0.3-0.8** volts (Ignition SW on and throttle valve fully closed)
: **3.2-4.9** volts (Ignition SW on and throttle valve open)
VC-E2 : **4.5-5.5** volts (Ignition SW on)
THW-E2 : **0.2-1.0** volts (Ignition SW on and coolant temp. **80**°C (**176**°F))
B/K-E1 : **9.0-14.0** volts (Brake pedal depress)
S1, S2-E1 : **9.0-14.0** volts with the ignition SW on (Engine running)
OD2-E1 : **0-3.0** volts with the O/D main SW turned on
: **9.0-14.0** volts with the O/D main SW turned off
2-E1 : **7.5-14.0** volts with the shift lever at **2** position
: **0-1.5** volts with the shift lever at except **2** position
L-E1 : **7.5-14.0** volts with the shift lever at **L** position
: **0-1.5** volts with the shift lever at except **L** position

: PARTS LOCATION

＊B : 4A-FE Stoichiometric Type

Code		See Page	Code		See Page	Code	See Page
C10	A	76 (LHD)	E7	B	76 (LHD)	O2	78 (LHD)
C11	B	76 (LHD)	E8	C	76 (LHD)	S3	70 (LHD ＊B)
E1		70 (LHD ＊B)	J1		78 (LHD)	S11	78 (LHD)
E5		76 (LHD)	J4		78 (LHD)	T2	70 (LHD ＊B)
E6	A	76 (LHD)	N1		70 (LHD ＊B)	W2	70 (LHD ＊B)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3B		
3C		
3D		
3F	61 (LHD)	

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF2	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)

: GROUND POINTS

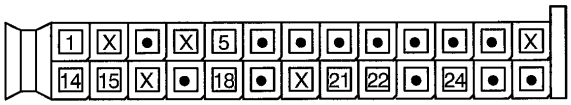
Code	See Page	Ground Points Location
EA	108 (LHD ＊B)	Under the Headlight RH
EB	108 (LHD ＊B)	Under the Headlight LH
EE	108 (LHD ＊B)	Under the Intake Manifold
IH	114 (LHD)	Left Kick Panel
II		

: SPLICE POINTS

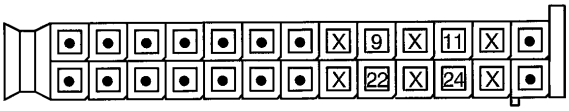
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I6	116 (LHD)	Cowl Wire	I17	116 (LHD)	Engine Wire
I7					

ECT (4A-FE GENERAL STOICHIOMETRIC TYPE)

C10 (A) BLACK



C11 (B) GREEN



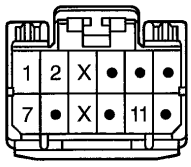
E1 BLACK



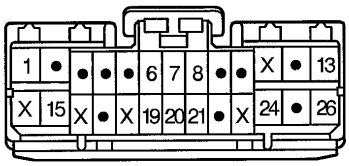
E5 BLACK



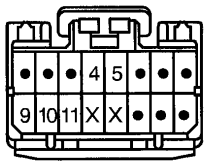
E6 (A)



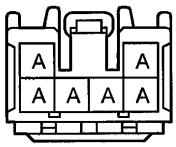
E7 (B)



E8 (C)

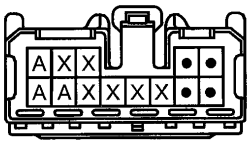


J1



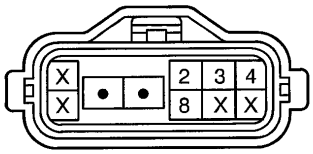
(Hint : See Page 7, 23, 39)

J4 BLUE

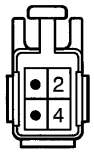


(Hint : See Page 7, 23, 39)

N1 GRAY



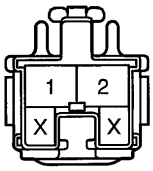
O2



S3 BLACK



S11 BLACK

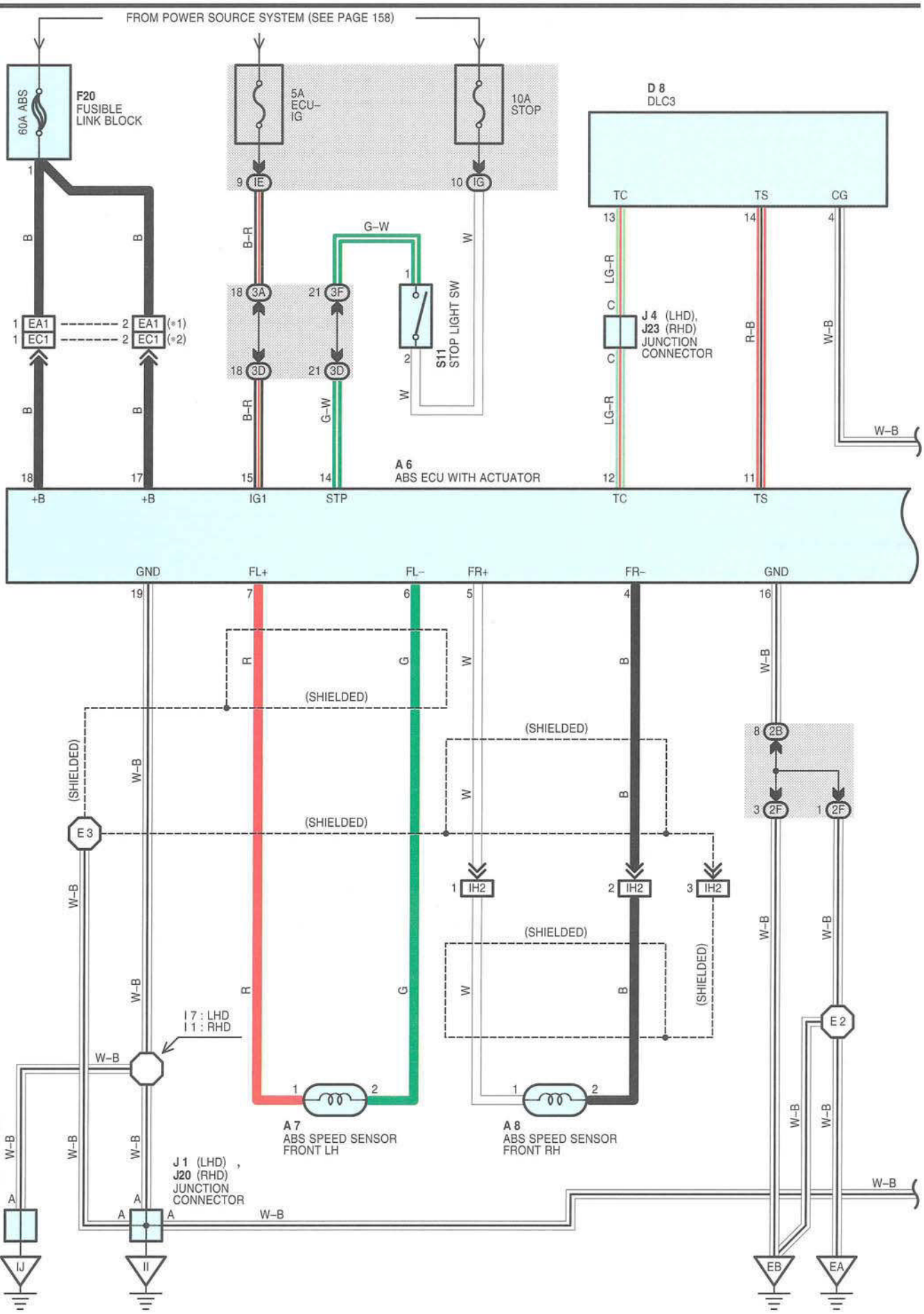


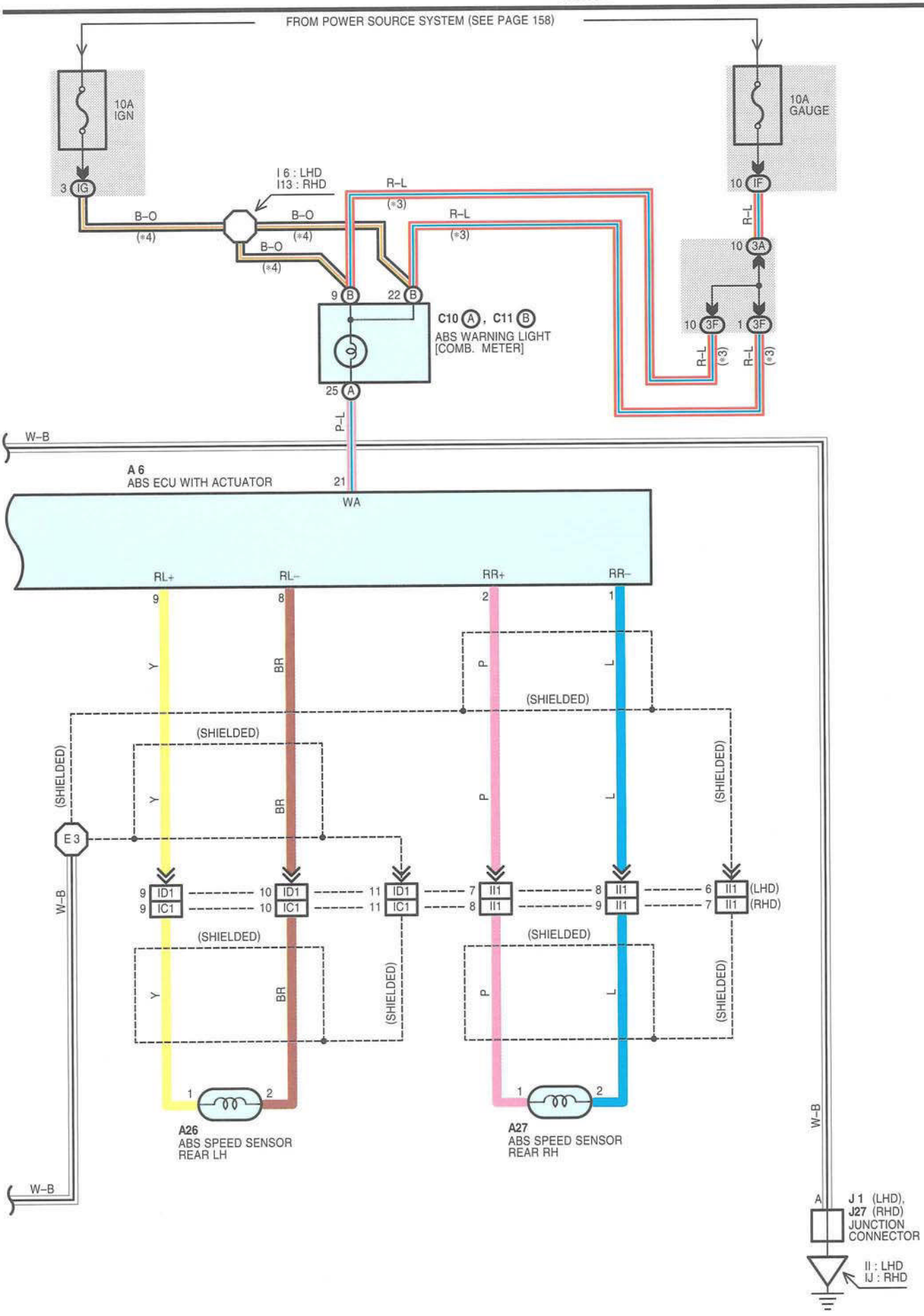
T2 BLACK



W2 DARK GRAY




FROM POWER SOURCE SYSTEM (SEE PAGE 158)
60A ABS
F20
FUSIBLE
LINK BLOCK
5A
ECU-
IG
10A
STOP
D 8
DLC3
TC
TS
CG
EA1
EC1
(*1)
(*2)
J 4 (LHD),
J23 (RHD)
JUNCTION
CONNECTOR
S11
STOP LIGHT SW
A 6
ABS ECU WITH ACTUATOR
+B
IG1
STP
GND
FL+
FL-
FR+
FR-
(SHIELDED)
E 3
E 2
IH2
I 7 : LHD
I 1 : RHD
A 7
ABS SPEED SENSOR
FRONT LH
A 8
ABS SPEED SENSOR
FRONT RH
J 1 (LHD) ,
J20 (RHD)
JUNCTION
CONNECTOR
J 9 (LHD) , J27 (RHD)
JUNCTION CONNECTOR
W-B
B
B-R
G-W
W
LG-R
R-B
R
G
IJ
II
EB
EA


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
10A IGN
3 IG
I6 : LHD
I13 : RHD
B-O
(＊4)
R-L
(＊3)
10A GAUGE
10 IF
10 3A
10 3F
1 3F
9 B
22 B
C10 A , C11 B
ABS WARNING LIGHT [COMB. METER]
25 A
P-L
W-B
A6
ABS ECU WITH ACTUATOR
21
WA
RL+
RL-
RR+
RR-
Y
BR
P
L
(SHIELDED)
E3
ID1
IC1
II1
(LHD)
(RHD)
A26
ABS SPEED SENSOR REAR LH
A27
ABS SPEED SENSOR REAR RH
A
J1 (LHD), J27 (RHD) JUNCTION CONNECTOR
II : LHD
IJ : RHD

SYSTEM OUTLINE

This system controls the respective brake fluid pressures acting on the disc brake cylinders of the right front wheel, left front wheel, and rear wheels when the brakes are applied in a panic stop so that the wheels do not lock.
This results in improved directional stability and steerability during panic braking.

1. SYSTEM OPERATION

During sudden braking, the ABS ECU with actuator which has signals input from each sensor lets the hydraulic pressure acting on each wheel cylinder escape to the reservoir.
The pump inside the ABS ECU with actuator is also operating at this time and it returns the brake fluid from the reservoir to the master cylinder, thus preventing locking of vehicle wheels.
If the ABS ECU with actuator judges that the hydraulic pressure acting on the wheel cylinder is insufficient, the current acting on the solenoid is controlled and the hydraulic pressure is increased.
Holding of the hydraulic pressure is also controlled by the ABS ECU with actuator, by the same method as above, by repeated pressure reduction. Holding and increase are repeated to maintain vehicle stability and to improve steerability during sudden braking.

SERVICE HINTS

A6 ABS ECU WITH ACTUATOR

1-GROUND : **10-14** volts with ignition SW on
2-GROUND : **10-14** volts with stop light SW on (Brake pedal depressed)
26, 23-GROUND : Always continuity

S11 STOP LIGHT SW

2-1 : Closed with brake pedal depressed

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A6	66 (LHD 3S-FE)	A8	86 (RHD 3S-FE)	C11 B	94 (RHD)
	68 (LHD *A)		88 (RHD *A)	D8	76 (LHD)
	70 (LHD *B)		92 (RHD 2C-TE)		94 (RHD)
	72 (LHD 2C-TE)	A26	80 (LHD S/D)	F20	66 (LHD 3S-FE)
	86 (RHD 3S-FE)		82 (LHD L/B)		68 (LHD *A)
	88 (RHD *A)		84 (LHD W/G)		70 (LHD *B)
	92 (RHD 2C-TE)		98 (RHD S/D)		72 (LHD 2C-TE)
A7	66 (LHD 3S-FE)		100 (RHD L/B)		86 (RHD 3S-FE)
	68 (LHD *A)		102 (RHD W/G)		88 (RHD *A)
	70 (LHD *B)	A27	80 (LHD S/D)		92 (RHD 2C-TE)
	72 (LHD 2C-TE)		82 (LHD L/B)	J1	78 (LHD)
	86 (RHD 3S-FE)		84 (LHD W/G)	J4	78 (LHD)
	88 (RHD *A)		98 (RHD S/D)	J9	78 (LHD)
	92 (RHD 2C-TE)		100 (RHD L/B)	J20	96 (RHD)
A8	66 (LHD 3S-FE)		102 (RHD W/G)	J23	96 (RHD)
	68 (LHD *A)	C10 A	76 (LHD)	J27	96 (RHD)
	70 (LHD *B)		94 (RHD)	S11	78 (LHD)
	72 (LHD 2C-TE)	C11 B	76 (LHD)		96 (RHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Junction Block and Wire Harness (Connector Location)
IE	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IF		
IG		
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	104 (LHD 3S-FE)	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
	106 (LHD *A)	
	108 (LHD *B)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
EC1	110 (LHD 2C-TE)	Engine Wire and Cowl Wire (Under the Engine Room J/B)
	130 (RHD 2C-TE)	
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IH2	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	
II1	116 (LHD)	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)

: GROUND POINTS

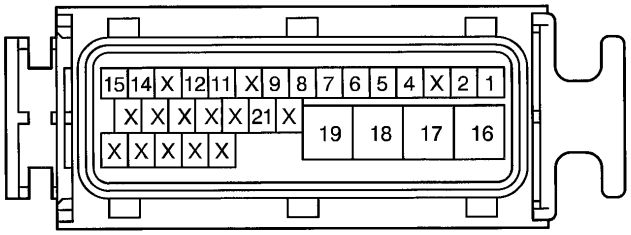
Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	130 (RHD 2C-TE)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	130 (RHD 2C-TE)	
II	114 (LHD)	Left Kick Panel
	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	

: **SPLICE POINTS**

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	E3	108 (LHD *B)	Cowl Wire
	106 (LHD *A)			110 (LHD 2C-TE)	
	108 (LHD *B)			124 (RHD 3S-FE)	
	110 (LHD 2C-TE)			126 (RHD *A)	
	124 (RHD 3S-FE)			130 (RHD 2C-TE)	
	126 (RHD *A)		I1	134 (RHD)	
	130 (RHD 2C-TE)		I6	116 (LHD)	
E3	104 (LHD 3S-FE)	Cowl Wire	I7		
	106 (LHD *A)		I13	134 (RHD)	

A6 BLACK



A7 GRAY



A8 GRAY



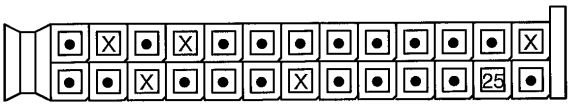
A26 GRAY



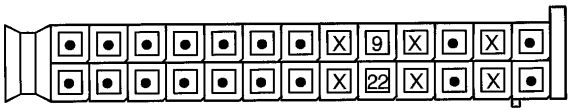
A27 GRAY



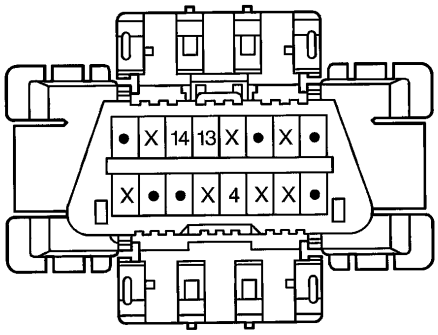
C10 (A) BLACK



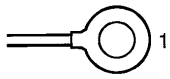
C11 (B) GREEN



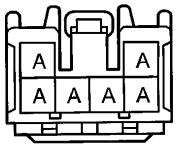
D8



F20

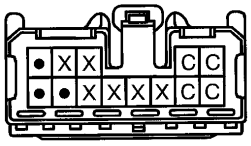


J1



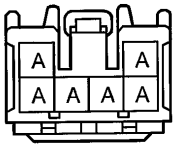
(Hint : See Page 7, 23, 39)

J4 BLUE



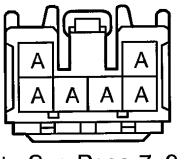
(Hint : See Page 7, 23, 39)

J9



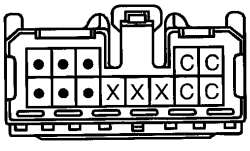
(Hint : See Page 7, 23, 39)

J20



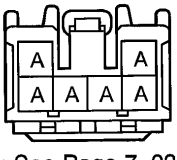
(Hint : See Page 7, 23, 39)

J23 BLUE



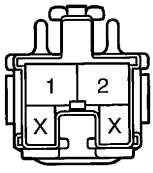
(Hint : See Page 7, 23, 39)

J27



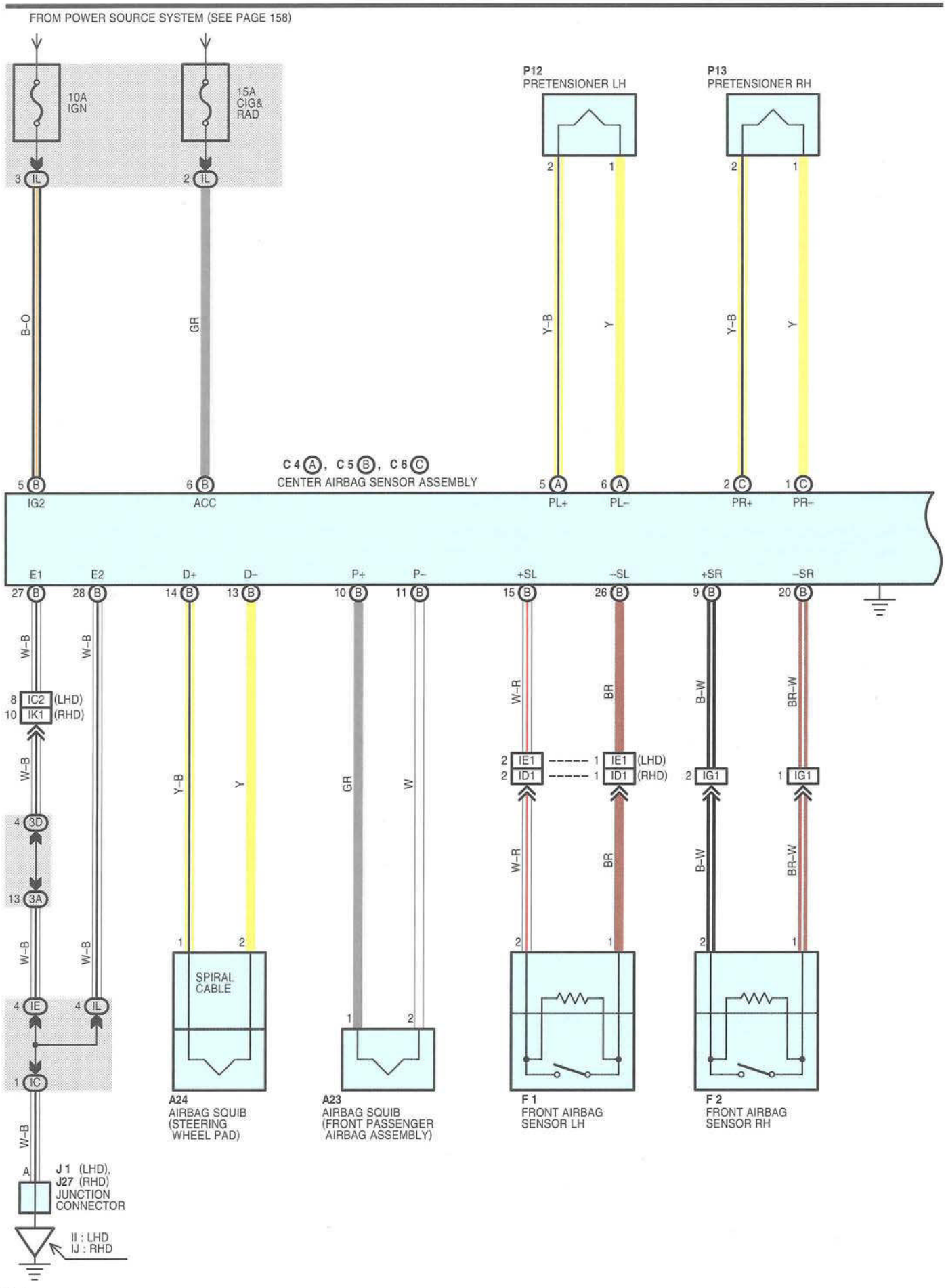
(Hint : See Page 7, 23, 39)

S11 BLACK



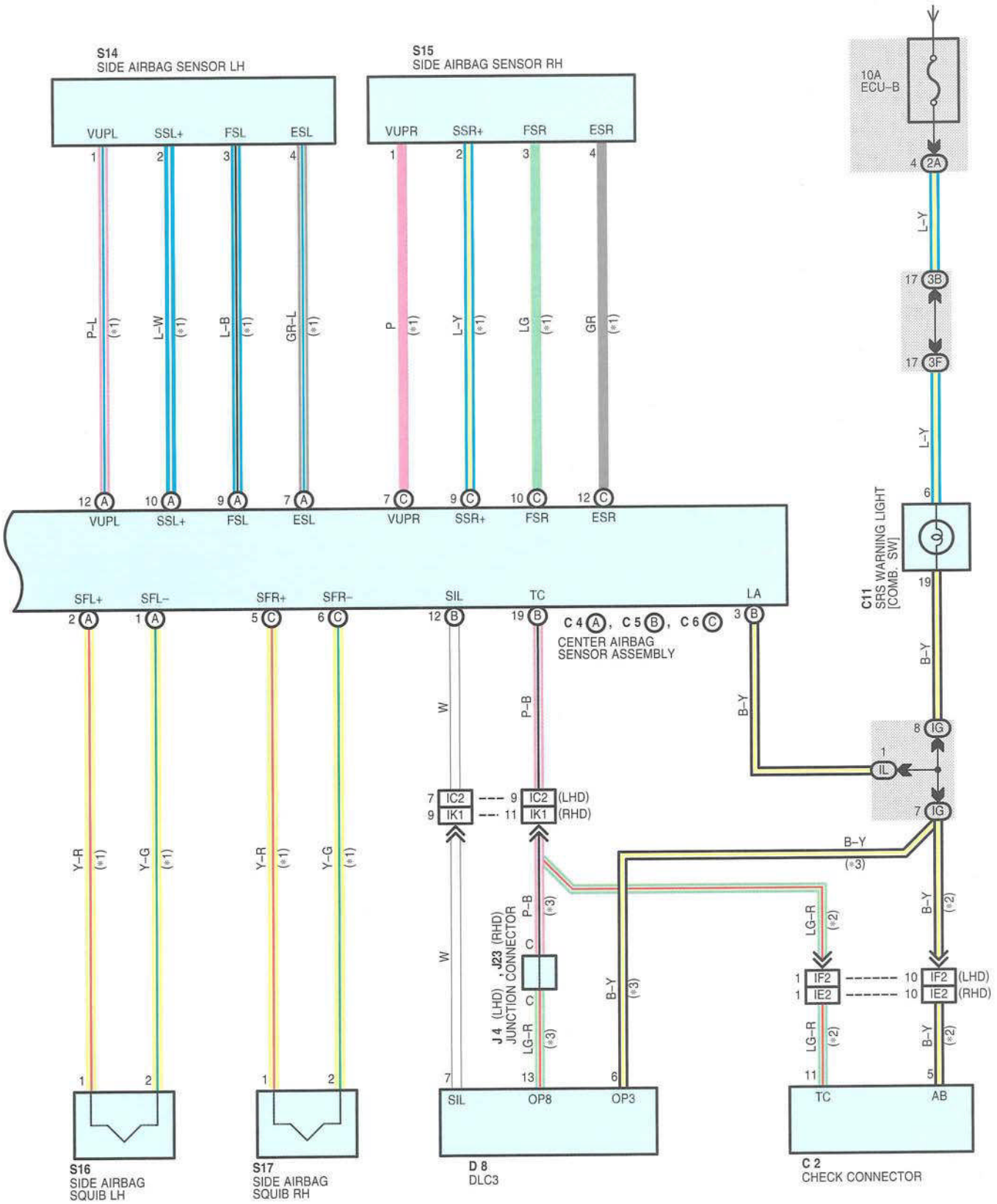
NOTICE: When inspecting or repairing the SRS, perform the operation in accordance with the following precautionary instructions and the procedure and precautions in the Repair Manual for the applicable model year.

- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started after 90 seconds from when the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.**
  (The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may be deployed.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be canceled. So before starting work, make a record of the contents memorized in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. To avoid erasing the memory in each memory system, never use a back-up power supply from outside the vehicle.
- Before repairs, remove the airbag sensor if shocks are likely to be applied to the sensor during repairs.
- Do not expose the steering wheel pad, front passenger airbag assembly, side airbag assembly, airbag sensor assembly, front airbag sensor or side airbag sensor assembly directly to hot air or flames.
- Even in cases of a minor collision where the SRS does not deploy, the steering wheel pad, front passenger airbag assembly, side airbag assembly, airbag sensor assembly, front airbag sensor and side airbag sensor assembly should be inspected.
- Never use SRS parts from another vehicle. When replacing parts, replace them with new parts.
- Never disassemble and repair the steering wheel pad, front passenger airbag assembly, side airbag assembly, airbag sensor assembly or side airbag sensor assembly in order to reuse it.
- If the steering wheel pad, front passenger airbag assembly, side airbag assembly, airbag sensor assembly, front airbag sensor or side airbag sensor assembly has been dropped, or if there are cracks, dents or other defects in the case, bracket or connector, replace them with new ones.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting the system's electrical circuits.
- Information labels are attached to the periphery of the SRS components. Follow the instructions on the notices.
- After work on the SRS is completed, pertorm the SRS warning light check.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
10A IGN
15A CIG& RAD
3 IL
2 IL
B-O
GR
P12 PRETENSIONER LH
P13 PRETENSIONER RH
2 1
Y-B
Y
C4 A, C5 B, C6 C
CENTER AIRBAG SENSOR ASSEMBLY
5 B IG2
6 B ACC
5 A PL+
6 A PL-
2 C PR+
1 C PR-
E1 E2 D+ D- P+ P- +SL -SL +SR -SR
27 B 28 B 14 B 13 B 10 B 11 B 15 B 26 B 9 B 20 B
W-B
8 IC2 (LHD)
10 IK1 (RHD)
4 3D
13 3A
4 IE 4 IL
1 IC
W-R
BR
B-W
BR-W
2 IE1 ----- 1 IE1 (LHD)
2 ID1 ----- 1 ID1 (RHD)
2 IG1
1 IG1
1 2
SPIRAL CABLE
GR
W
A24 AIRBAG SQUIB (STEERING WHEEL PAD)
A23 AIRBAG SQUIB (FRONT PASSENGER AIRBAG ASSEMBLY)
F 1 FRONT AIRBAG SENSOR LH
F 2 FRONT AIRBAG SENSOR RH
A
J 1 (LHD), J27 (RHD) JUNCTION CONNECTOR
II : LHD
IJ : RHD

*1 : W/ SIDE AIRBAG
*2 : 4A-FE GENERAL STOICHIOMETRIC TYPE, 2C-T
*3 : EXCEPT *2

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SYSTEM OUTLINE

The SRS is a driver and front passenger protection device which has a supplemental role to the seat belts.
When the ignition SW is turned to ACC or ON, current from the **CIG&RAD** fuse flows to **TERMINAL (B) 6** of the center airbag sensor assembly. Only when the ignition SW is on does the current flow from the **IGN** fuse to **TERMINAL (B) 5** of the center airbag sensor assembly.
If an accident occurs while driving, when the frontal impact exceeds a set level, current from the **CIG&RAD** or **IGN** fuse flows to **TERMINALS (B) 14, (B) 10, (A) 5** and **(C) 2** of the center airbag sensor assembly to **TERMINAL 1** of the airbag squibs and **TERMINAL 2** of the pretensioners to **TERMINAL 2** of the airbag squibs and **TERMINAL 1** of the pretensioners to **TERMINALS (B) 13, (B) 11, (A) 6** and **(C) 1** of the center airbag sensor assembly to **TERMINAL (B) 27, (B) 28** or **BODY GROUND** to **GROUND**, so that current flows to the airbag squibs and the pretensioners and causes them to operate.
When the side impact also exceeds a set level, current from the **CIG & RAD** or **IGN** fuse flows to **TERMINALS (B) 15, (B) 9, (A) 5** and **(C) 2** of the center airbag sensor assembly to **TERMINAL 2** of the side airbag squibs and the pretensioners to **TERMINAL 1** to **TERMINALS (B) 26, (B) 20, (A) 6** and **(C) 1** of the center airbag sensor assembly to **TERMINAL (B) 27, (B) 28** or **BODY GROUND** to **GROUND**, causing side airbag squibs and the pretensioners to operate.
The airbag stored inside the steering wheel pad is instantaneously expanded to soften the shock to the driver.
The airbag stored inside the front passenger's instrument panel is instantaneously expanded to soften the shock to the front passenger.
Side airbags are instantaneously expanded to soften the shock of side to the driver and front passenger.
The pretensioners make sure of the seat belt restrainability.

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A23	76 (LHD)	F2	66 (LHD 3S-FE)	S14	82 (LHD L/B)
	94 (RHD)		68 (LHD *A)		84 (LHD W/G)
A24	76 (LHD)		70 (LHD *B)		98 (RHD S/D)
	94 (RHD)		72 (LHD 2C-TE)		100 (RHD L/B)
C2	70 (LHD *B)		74 (LHD 2C-T)		102 (RHD W/G)
	74 (LHD 2C-T)		86 (RHD 3S-FE)	S15	80 (LHD S/D)
	90 (RHD *B)		88 (RHD *A)		82 (LHD L/B)
C4 A	76 (LHD)		92 (RHD 2C-TE)		84 (LHD W/G)
	94 (RHD)	J1	78 (LHD)		98 (RHD S/D)
C5 B	76 (LHD)	J4	78 (LHD)		100 (RHD L/B)
	94 (RHD)	J23	96 (RHD)		102 (RHD W/G)
C6 C	76 (LHD)	J27	96 (RHD)	S16	80 (LHD S/D)
	94 (RHD)	P12	80 (LHD S/D)		82 (LHD L/B)
C11	76 (LHD)		82 (LHD L/B)		84 (LHD W/G)
	94 (RHD)		84 (LHD W/G)		98 (RHD S/D)
D8	76 (LHD)		98 (RHD S/D)		100 (RHD L/B)
	94 (RHD)		100 (RHD L/B)		102 (RHD W/G)
F1	66 (LHD 3S-FE)		102 (RHD W/G)	S17	80 (LHD S/D)
	68 (LHD *A)	P13	80 (LHD S/D)		82 (LHD L/B)
	70 (LHD *B)		82 (LHD L/B)		84 (LHD W/G)
	72 (LHD 2C-TE)		84 (LHD W/G)		98 (RHD S/D)
	74 (LHD 2C-T)		98 (RHD S/D)		100 (RHD L/B)
	86 (RHD 3S-FE)		100 (RHD L/B)		102 (RHD W/G)
	88 (RHD *A)		102 (RHD W/G)		
	92 (RHD 2C-TE)	S14	80 (LHD S/D)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IG		
IL	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
ID1	132 (RHD)	
IE1	114 (LHD)	Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	114 (LHD)	
IG1	116 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
	134 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Left Side of the Instrument Panel J/B)
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)

: GROUND POINTS

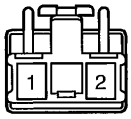
Code	See Page	Ground Points Location
II	114 (LHD)	Left Kick Panel
IJ	132 (RHD)	Right Kick Panel

* 1 : 4A-FE General Stoichiometric Type

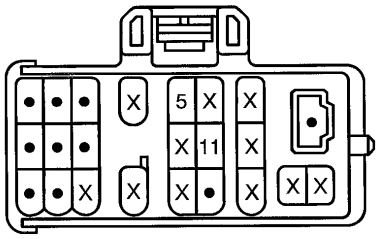
A23 YELLOW



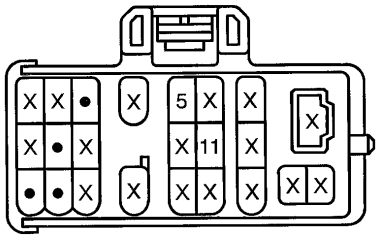
A24 YELLOW



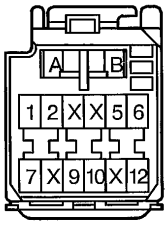
(* 1) C2 BLACK



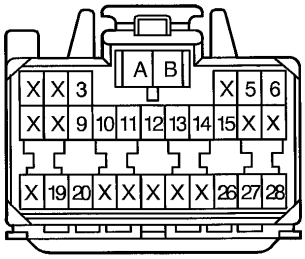
(2C-T) C2 BLACK



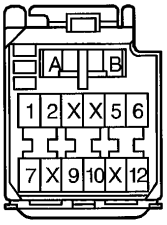
C4 (A) YELLOW



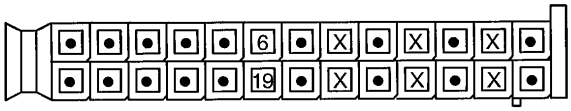
C5 (B) YELLOW



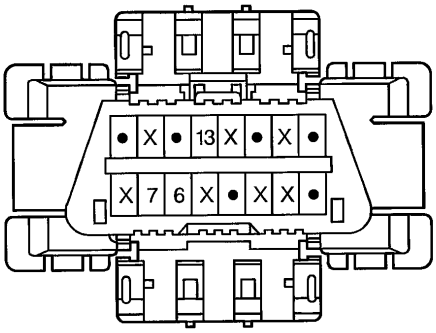
C6 (C) YELLOW



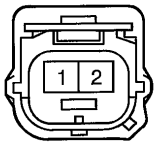
C11 GREEN



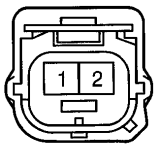
D8



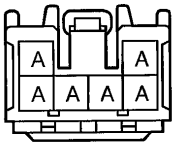
F1 YELLOW



F2 YELLOW

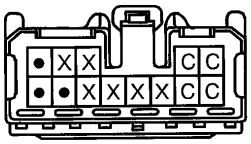


J1



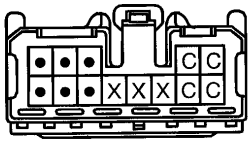
(Hint : See Page 7, 23, 39)

J4 BLUE



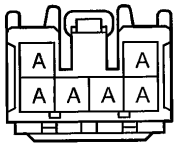
(Hint : See Page 7, 23, 39)

J23 BLUE



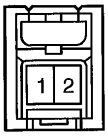
(Hint : See Page 7, 23, 39)

J27

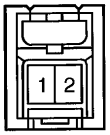


(Hint : See Page 7, 23, 39)

P12 YELLOW



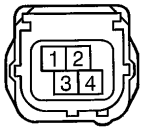
P13 YELLOW



S14 YELLOW



S15 YELLOW



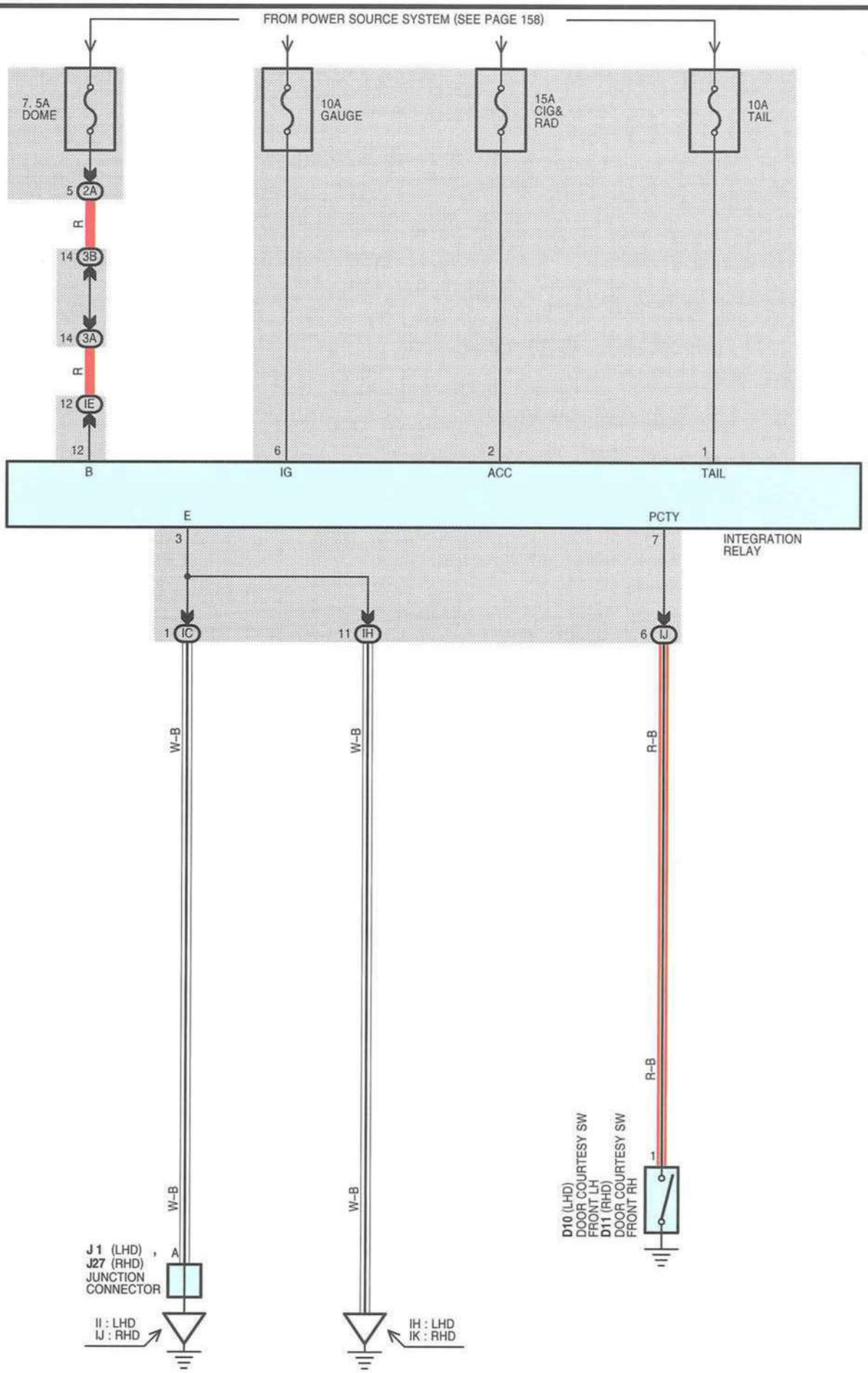
S16 YELLOW



S17 YELLOW



LIGHT REMINDER BUZZER



SYSTEM OUTLINE

Current always flow to **TERMINAL 12** of the integration relay through the **DOME** fuse.
With the ignition SW in **ACC** position, current flows to **TERMINAL 2** of the integration relay, when the ignition SW is turned to **ON** position, current flows to **TERMINAL 6** of the integration relay. When the light control SW is turned to **TAIL** or **HEAD** position, current is applied to **TERMINAL 1** of the integration relay.

LIGHT REMINDER SYSTEM

When the light control SW is in **TAIL** or **HEAD** position, the ignition SW in **OFF** position and the driver's door is opened (door courtesy SW on), the current flows to **TERMINALS 2, 6** of the integration relay is stopped. As a result, the relay is activated and current flows from **TERMINAL 12** of the integration relay to **TERMINAL 3** to **GROUND**, sounding the light reminder buzzer.

SERVICE HINTS

INTEGRATION RELAY

6-GROUND : Approx. **12** volts with ignition SW at **ON** position
3-GROUND : Always continuity
12-GROUND : Always approx. **12** volts
7-GROUND : Continuity with driver door open

D10, D11 DOOR COURTESY SW FRONT LH, RH

1-GROUND : Continuity with the driver door open

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D10	80 (LHD S/D)	D11	98 (RHD S/D)	J1	78 (LHD)
	82 (LHD L/B)		100 (RHD L/B)	J27	96 (RHD)
	84 (LHD W/G)		102 (RHD W/G)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

▽ : GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	
IJ	132 (RHD)	Right Kick Panel
IK	132 (RHD)	

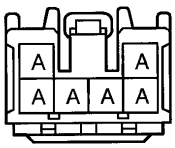
D10



D11

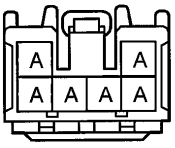


J1



(Hint : See Page 7, 23, 39)

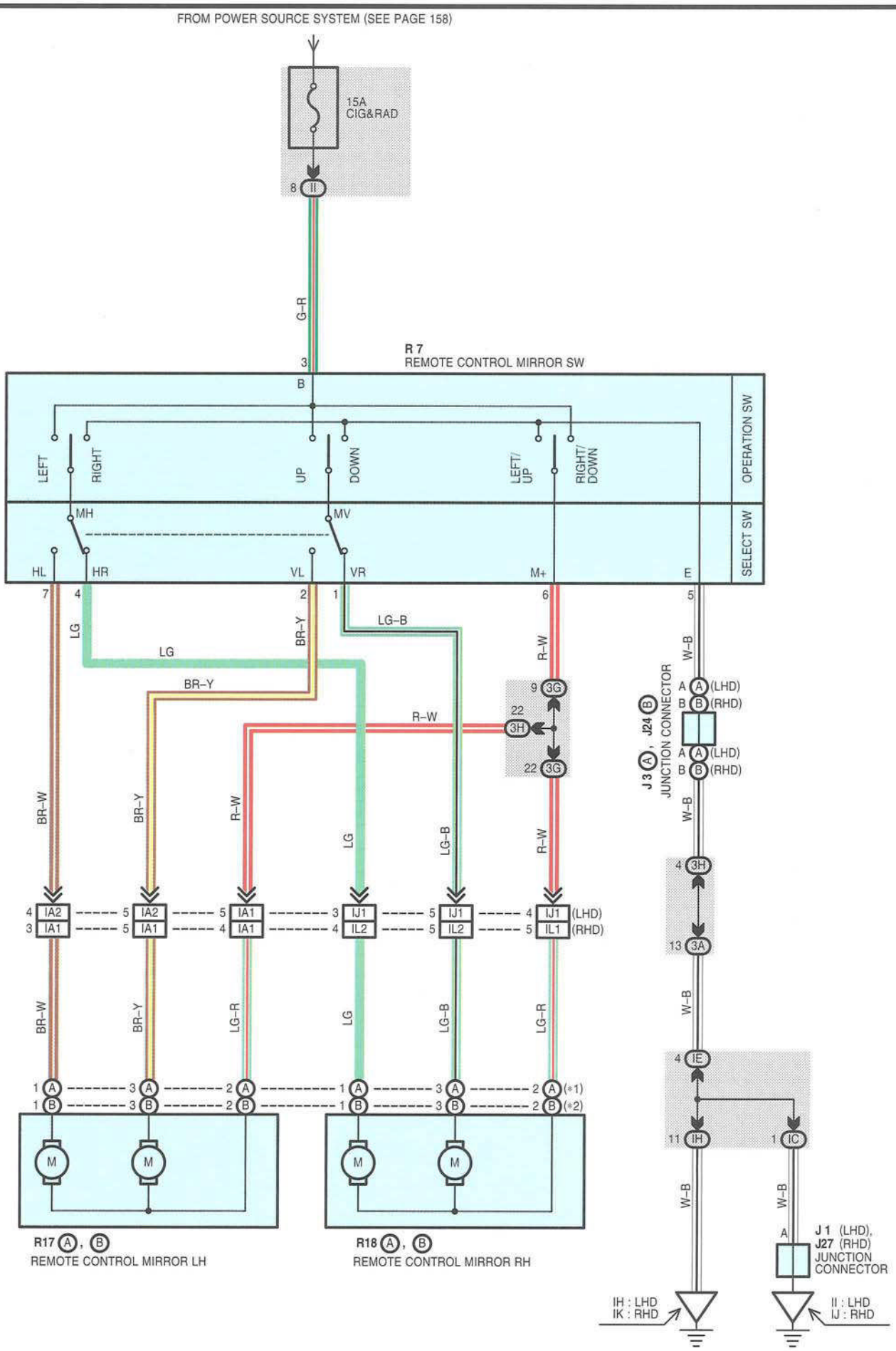
J27



(Hint : See Page 7, 23, 39)

REMOTE CONTROL MIRROR

* 1 : W/ MIRROR HEATER
* 2 : W/O MIRROR HEATER



SERVICE HINTS

R7 REMOTE CONTROL MIRROR SW

3-6 : Continuity with the operation SW at **DOWN** or **RIGHT** position
6-5 : Continuity with the operation SW at **UP** or **LEFT** position
3-GROUND : Approx. **12** votls with the ignition SW at **ACC** or **ON** position
5-GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
J1		78 (LHD)	R17	A, B	80 (LHD S/D)	R18	A, B	80 (LHD S/D)
J3	A	78 (LHD)			82 (LHD L/B)			82 (LHD L/B)
J24	B	96 (RHD)			84 (LHD W/G)			84 (LHD W/G)
J27		96 (RHD)			98 (RHD S/D)			98 (RHD S/D)
R7		78 (LHD)			100 (RHD L/B)			100 (RHD L/B)
		96 (RHD)			102 (RHD W/G)			102 (RHD W/G)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

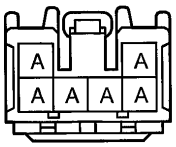
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	132 (RHD)	
IA2	114 (LHD)	
IJ1	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL1	134 (RHD)	
IL2		

▽ : GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		

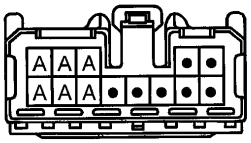
REMOTE CONTROL MIRROR

J1



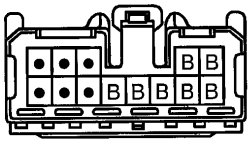
(Hint : See Page 7, 23, 39)

J3 (A) GRAY



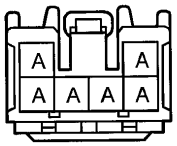
(Hint : See Page 7, 23, 39)

J24 (B) GRAY



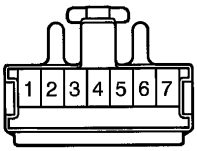
(Hint : See Page 7, 23, 39)

J27

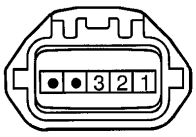


(Hint : See Page 7, 23, 39)

R7 BLACK



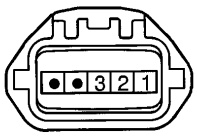
(w/ Mirror Heater) R17 (A)



(w/o Mirror Heater) R17 (B)

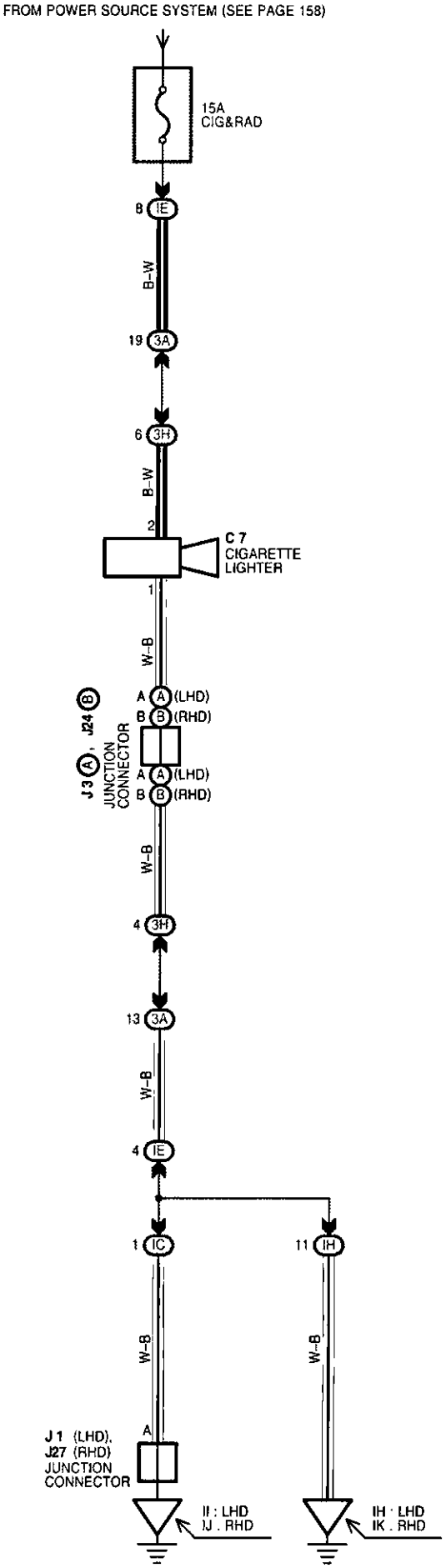


(w/ Mirror Heater) R18 (A)



(w/o Mirror Heater) R18 (B)




FROM POWER SOURCE SYSTEM (SEE PAGE 158)
15A
CIG&RAD
8 1E
B-W
19 3A
6 3H
B-W
2
C 7
CIGARETTE
LIGHTER
1
W-B
A A (LHD)
B B (RHD)
J 3 A , J24 B
JUNCTION
CONNECTOR
A A (LHD)
B B (RHD)
W-B
4 3H
13 3A
W-B
4 1E
1 1C
11 1H
W-B
W-B
J 1 (LHD),
J27 (RHD)
JUNCTION
CONNECTOR
A
II : LHD
IJ . RHD
IH : LHD
IK . RHD

SERVICE HINTS

C7 CIGARETTE LIGHTER

2-GROUND : Approx. **12** volts with the ignition SW at **ACC** or **ON** position
1-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C7	76 (LHD)	J1	78 (LHD)	J24 B	96 (RHD)
	94 (RHD)	J3 A	78 (LHD)	J27	96 (RHD)

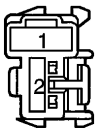
⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

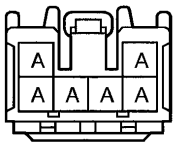
▽ : GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		

C7 BLACK

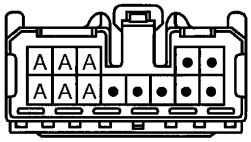


J1



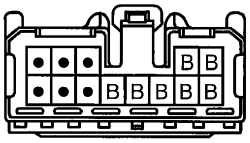
(Hint : See Page 7, 23, 39)

J3 (A) GRAY



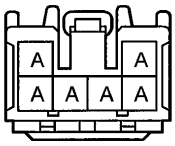
(Hint : See Page 7, 23, 39)

J24 (B) GRAY



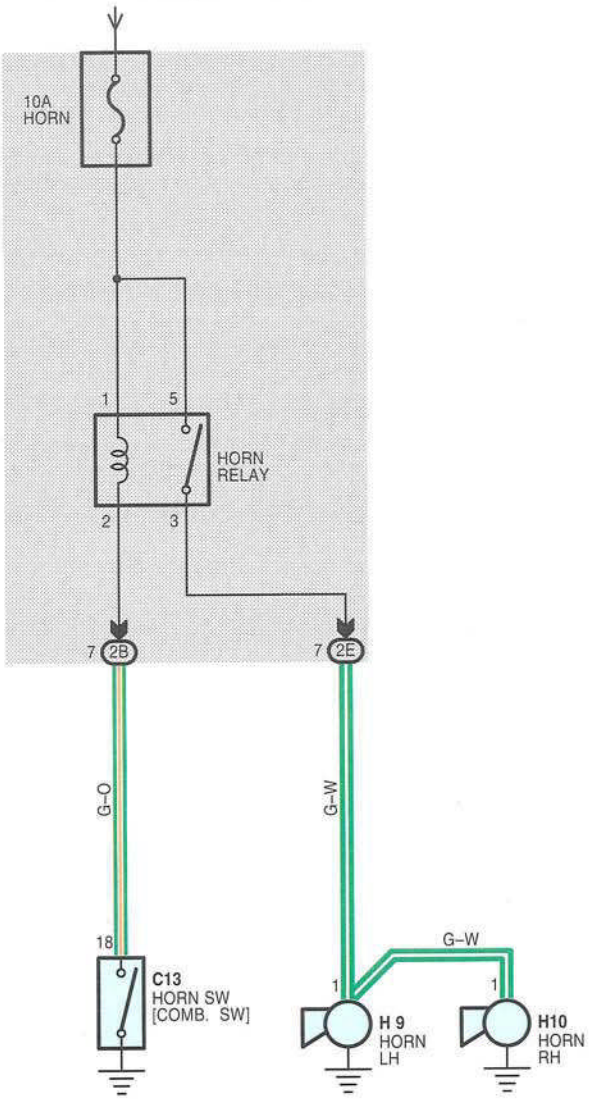
(Hint : See Page 7, 23, 39)

J27



(Hint : See Page 7, 23, 39)

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SERVICE HINTS

HORN RELAY

5-3 : Closed with the horn SW on.

: PARTS LOCATION

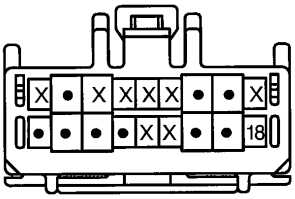
* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Code	See Page	Code	See Page
C13	76 (LHD)	H9	86 (RHD 3S-FE)	H10	72 (LHD 2C-TE)
	94 (RHD)		88 (RHD *A)		74 (LHD 2C-T)
H9	66 (LHD 3S-FE)		90 (RHD *B)		86 (RHD 3S-FE)
	68 (LHD *A)		92 (RHD 2C-TE)		88 (RHD *A)
	70 (LHD *B)	H10	66 (LHD 3S-FE)		90 (RHD *B)
	72 (LHD 2C-TE)		68 (LHD *A)		92 (RHD 2C-TE)
	74 (LHD 2C-T)		70 (LHD *B)		

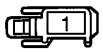
: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
2B	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2E	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

C13 BLACK



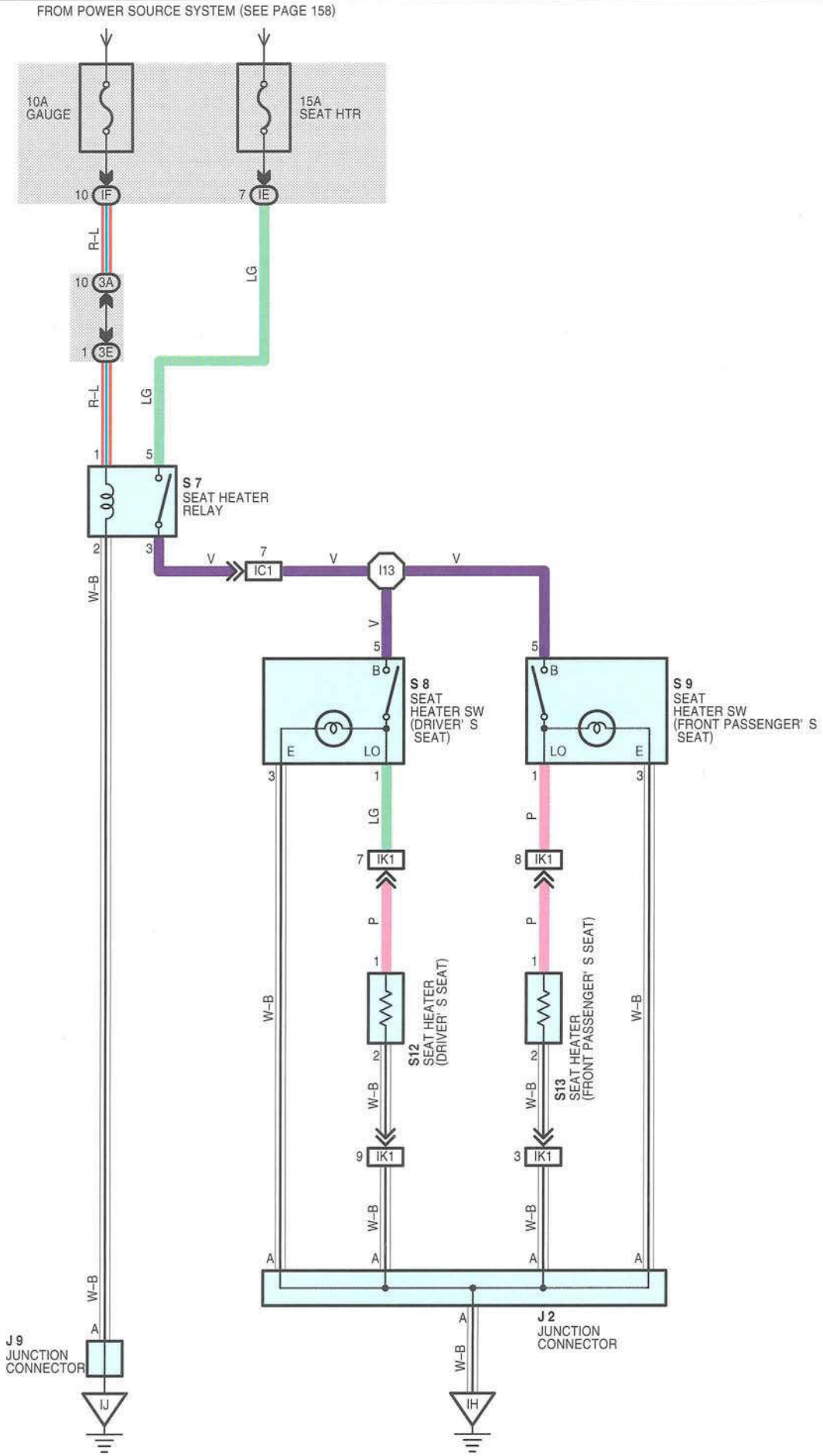
H9 BLACK



H10 BLACK



SEAT HEATER (LHD)



SERVICE HINTS

S8 SEAT HEATER SW (DRIVER'S SEAT)

5-GROUND: Approx. **12** volts with the ignition SW at **ON** position
3-GROUND: Always continuity

S9 SEAT HEATER SW (FRONT PASSENGER'S SEAT)

5-GROUND: Approx. **12** volts with the ignition SW at **ON** position
3-GROUND: Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
J2	78 (LHD)	S9	78 (LHD)	S13	80 (LHD S/D)
J9	78 (LHD)	S12	80 (LHD S/D)		82 (LHD L/B)
S7	78 (LHD)		82 (LHD L/B)		84 (LHD W/G)
S8	78 (LHD)		84 (LHD W/G)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IE	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IF		
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3E	61 (LHD)	

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IK1	116 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)

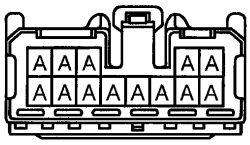
▽ : GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
IJ	114 (LHD)	Right Kick Panel

⬡ : SPLICE POINTS

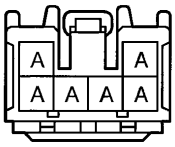
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I13	116 (LHD)	Instrument Panel Wire			

J2 ORANGE



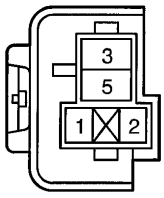
(Hint : See Page 7, 23, 39)

J9

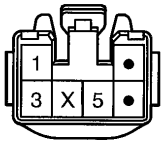


(Hint : See Page 7, 23, 39)

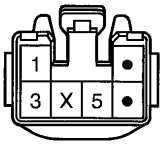
S7



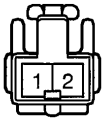
S8 BLUE



S9



S12 BLUE



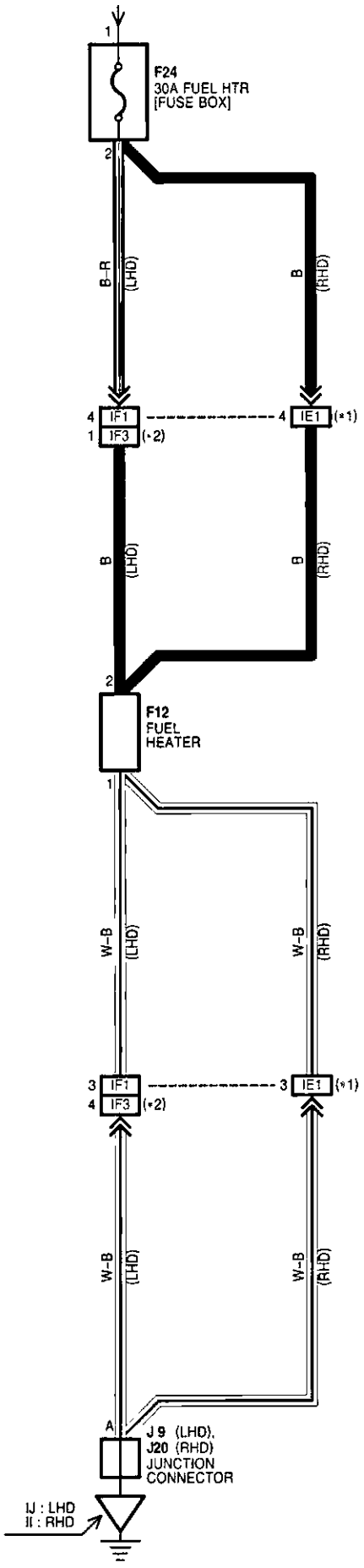
S13



FUEL HEATER

*1 : 2C-TE
*2 : 2C-T

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



SERVICE HINTS

F12 FUEL HEATER

2-GROUND : Approx. **12** volts with the ignition SW at **ON** position

1-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
F12	72 (LHD 2C-TE)	F24	78 (LHD)	J20	96 (RHD)
	74 (LHD 2C-T)		96 (RHD)		
	92 (RHD 2C-TE)	J9	78 (LHD)		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF1	114 (LHD)	
IF3		

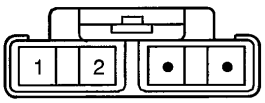
▽ : GROUND POINTS

Code	See Page	Ground Points Location
II	132 (RHD)	Left Kick Panel
IJ	114 (LHD)	Right Kick Panel

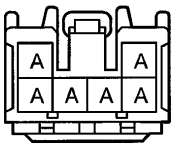
F12 GRAY



F24

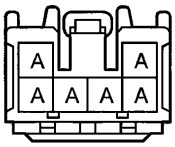


J9



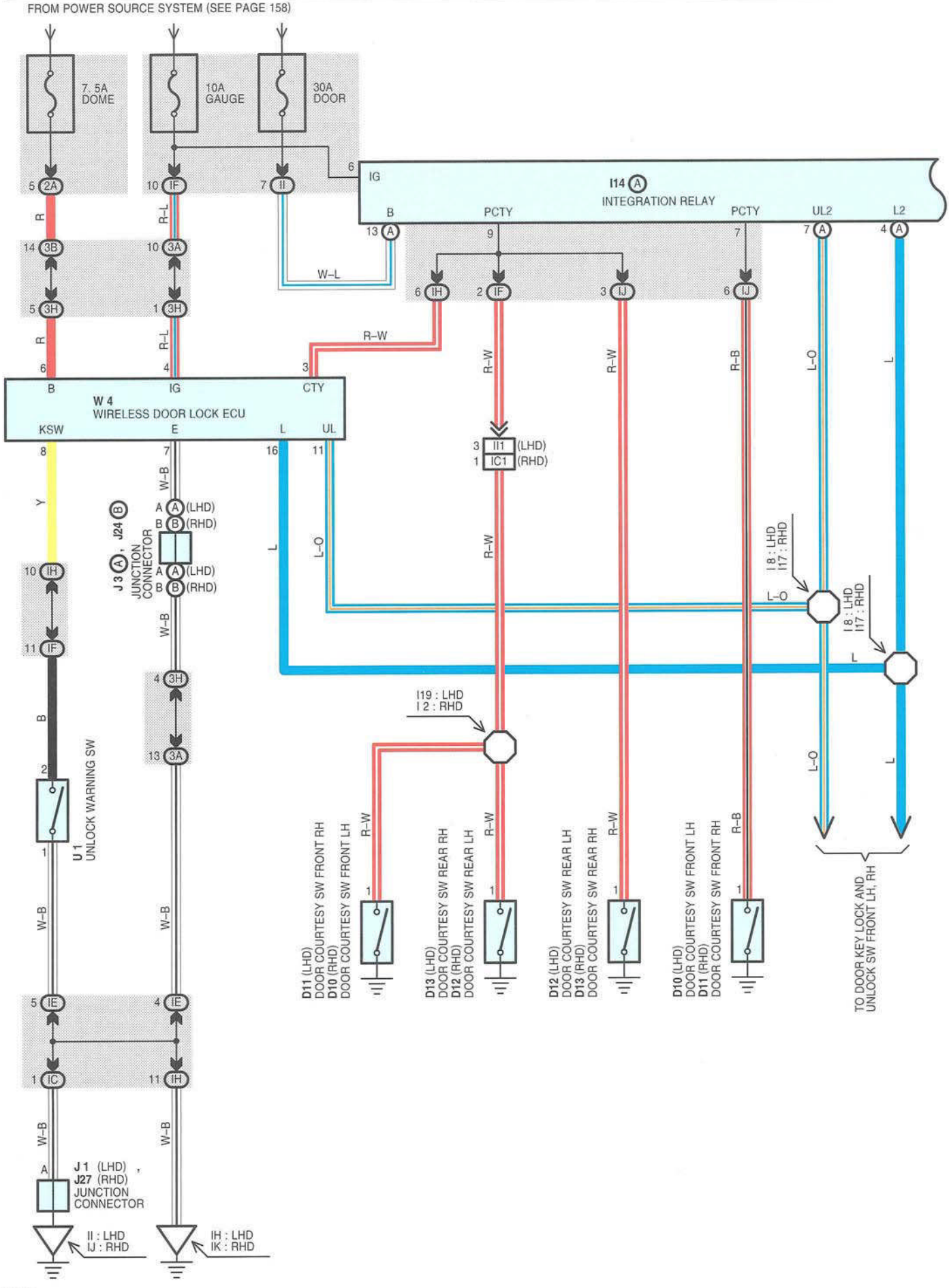
(Hint : See Page 7, 23, 39)

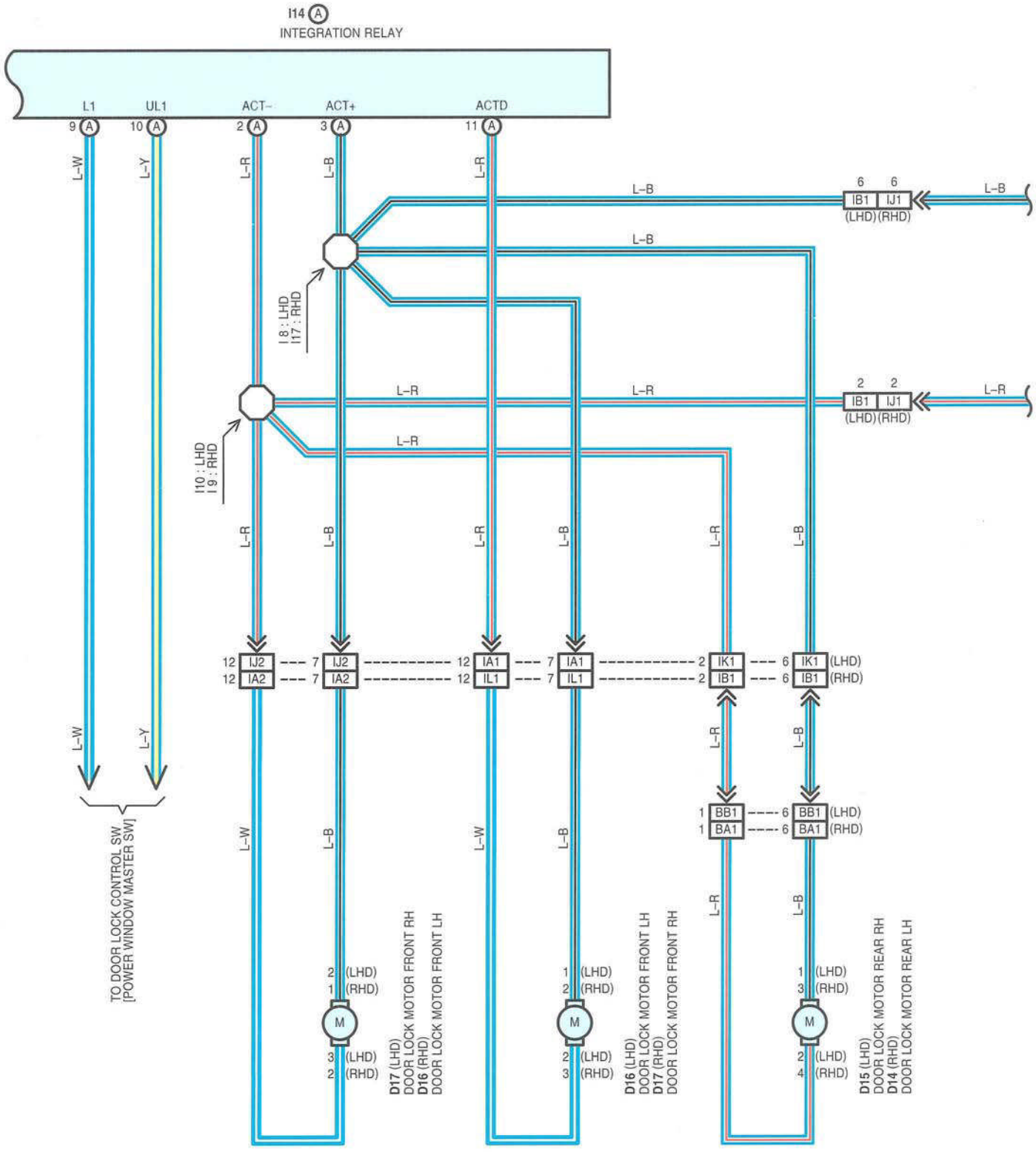
J20



(Hint : See Page 7, 23, 39)

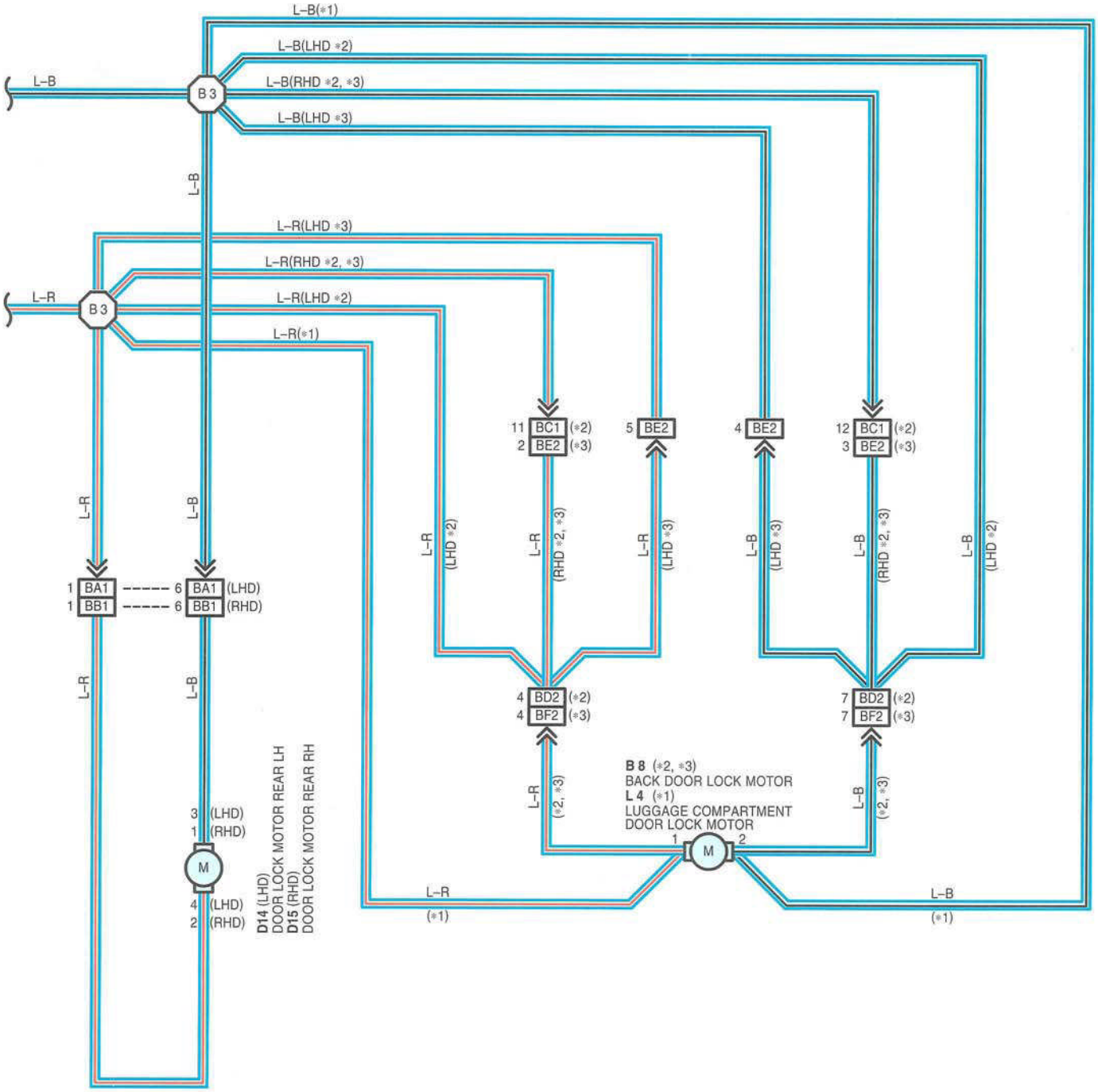
WIRELESS DOOR LOCK CONTROL




I14 A
INTEGRATION RELAY
L1
UL1
ACT–
ACT+
ACTD
9 A
10 A
2 A
3 A
11 A
L–W
L–Y
L–R
L–B
6 6
IB1 IJ1
(LHD) (RHD)
I8 : LHD
I17 : RHD
2 2
I10 : LHD
I9 : RHD
12 IJ2
12 IA2
7 IJ2
7 IA2
12 IA1
12 IL1
7 IA1
7 IL1
2 IK1
2 IB1
6 IK1 (LHD)
6 IB1 (RHD)
1 BB1
1 BA1
6 BB1 (LHD)
6 BA1 (RHD)
TO DOOR LOCK CONTROL SW
[POWER WINDOW MASTER SW]
M
2 (LHD)
1 (RHD)
3 (LHD)
2 (RHD)
D17 (LHD)
DOOR LOCK MOTOR FRONT RH
D16 (RHD)
DOOR LOCK MOTOR FRONT LH
1 (LHD)
2 (RHD)
2 (LHD)
3 (RHD)
D16 (LHD)
DOOR LOCK MOTOR FRONT LH
D17 (RHD)
DOOR LOCK MOTOR FRONT RH
1 (LHD)
3 (RHD)
2 (LHD)
4 (RHD)
D15 (LHD)
DOOR LOCK MOTOR REAR RH
D14 (RHD)
DOOR LOCK MOTOR REAR LH

WIRELESS DOOR LOCK CONTROL

*1 : S/D
*2 : L/B
*3 : W/G



SYSTEM OUTLINE

Door lock control (Lock and unlock) is performed by remote control, without the ignition key inserted in the door key cylinder, using low-power electrical waves emitted by a transmitter.

1. WIRELESS DOOR LOCK OR UNLOCK NORMAL OPERATION

With the ignition key not inserted into the ignition key cylinder (Unlock warning SW off) and all the doors completely closed, when the lock button (Transmitter) is pushed, the wireless door lock ECU receives the electrical waves from the transmitter, causing it to operate.
As a result, the ECU judges whether the door is locked or unlocked based on the signal from the door lock motor, and sends a signal to the integration relay to switch the condition from lock to unlock or vice versa, causing the door lock motor to operate.

2. AUTOMATIC LOCK OPERATION

With the ignition key not inserted into the ignition key cylinder (Unlock warning SW off) and all the doors completely closed, after pushing the button (Transmitter) to unlock all the doors, if a door is not opened within **30** seconds, all the doors will be automatically relocked.

3. WIRELESS CONTROL STOP FUNCTION

If a door is open (Door courtesy SW on), a signal is input from the door courtesy SW to the wireless door lock ECU, stopping wireless door lock.
If the ignition key is in the ignition key cylinder (Unlock warning SW on), the unlock warning SW inputs a signal to the wireless door lock ECU, stopping wireless door lock.

SERVICE HINTS

D10, D11, D12, D13 DOOR COURTESY SW FRONT LH, RH, REAR LH, RH

1-GROUND : Closed with the door open

U 1 UNLOCK WARNING SW

2-1 : Closed with the ignition key in the cylinder

W4 WIRELESS DOOR LOCK ECU

6-GROUND : Always approx. **12** volts
7-GROUND : Always continuity
3-GROUND : Continuity with each of the door open
8-GROUND : Continuity with the ignition key in the cylinder

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B8	82 (LHD L/B)	D13	80 (LHD S/D)	D16	100 (RHD L/B)
	84 (LHD W/G)		82 (LHD L/B)		102 (RHD W/G)
	100 (RHD L/B)		84 (LHD W/G)	D17	80 (LHD S/D)
	102 (RHD W/G)		98 (RHD S/D)		82 (LHD L/B)
D10	80 (LHD S/D)		100 (RHD L/B)		84 (LHD W/G)
	82 (LHD L/B)		102 (RHD W/G)		98 (RHD S/D)
	84 (LHD W/G)	D14	80 (LHD S/D)		100 (RHD L/B)
	98 (RHD S/D)		82 (LHD L/B)		102 (RHD W/G)
	100 (RHD L/B)		84 (LHD W/G)	I14 A	78 (LHD)
	102 (RHD W/G)		98 (RHD S/D)		96 (RHD)
D11	80 (LHD S/D)		100 (RHD L/B)	J1	78 (LHD)
	82 (LHD L/B)		102 (RHD W/G)	J3 A	78 (LHD)
	84 (LHD W/G)	D15	80 (LHD S/D)	J24 B	96 (RHD)
	98 (RHD S/D)		82 (LHD L/B)	J27	96 (RHD)
	100 (RHD L/B)		84 (LHD W/G)	L4	80 (LHD S/D)
	102 (RHD W/G)		98 (RHD S/D)		98 (RHD S/D)
D12	80 (LHD S/D)		100 (RHD L/B)	U1	78 (LHD)
	82 (LHD L/B)		102 (RHD W/G)		96 (RHD)
	84 (LHD W/G)	D16	80 (LHD S/D)	W4	78 (LHD)
	98 (RHD S/D)		82 (LHD L/B)		96 (RHD)
	100 (RHD L/B)		84 (LHD W/G)		
	102 (RHD W/G)		98 (RHD S/D)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	132 (RHD)	
IB1	114 (LHD)	Instrument Panel Wire and Floor Wire (Left Kick Panel)
	132 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
II1	116 (LHD)	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
IJ1	134 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IJ2	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK1	116 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	118 (LHD S/D)	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	
BB1	118 (LHD S/D)	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	
BC1	138 (RHD L/B)	Floor Wire and Floor Wire Under the (Right Qurter Pillar)
BD2	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
	138 (RHD L/B)	
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF2	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	

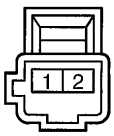
: GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	134 (RHD)	Floor No.2 Wire	B3	118 (LHD S/D)	Floor Wire
I8	116 (LHD)	Instrument Panel Wire		120 (LHD L/B)	
I9	134 (RHD)			122 (LHD W/G)	
I10	116 (LHD)	Cowl Wire		136 (RHD S/D)	
I17	134 (RHD)	Instrument Panel Wire		138 (RHD L/B)	
I19	116 (LHD)	Floor No.2 Wire		140 (RHD W/G)	
	134 (RHD)	Cowl Wire			

(L/B, W/G) B8 BLACK



D10



D11



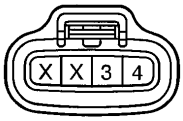
D12



D13



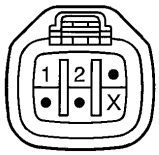
D14 BLACK



D15 BLACK



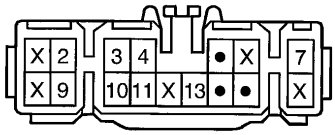
D16 BLACK



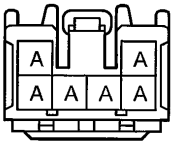
D17 BLACK



I14 (A) ORANGE

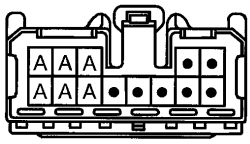


J1



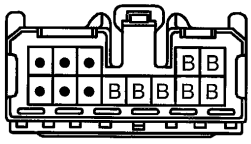
(Hint : See Page 7, 23, 39)

J3 (A) GRAY



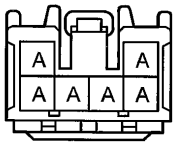
(Hint : See Page 7, 23, 39)

J24 (B) GRAY



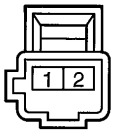
(Hint : See Page 7, 23, 39)

J27

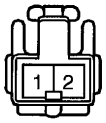


(Hint : See Page 7, 23, 39)

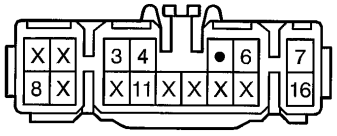
(S/D) L4



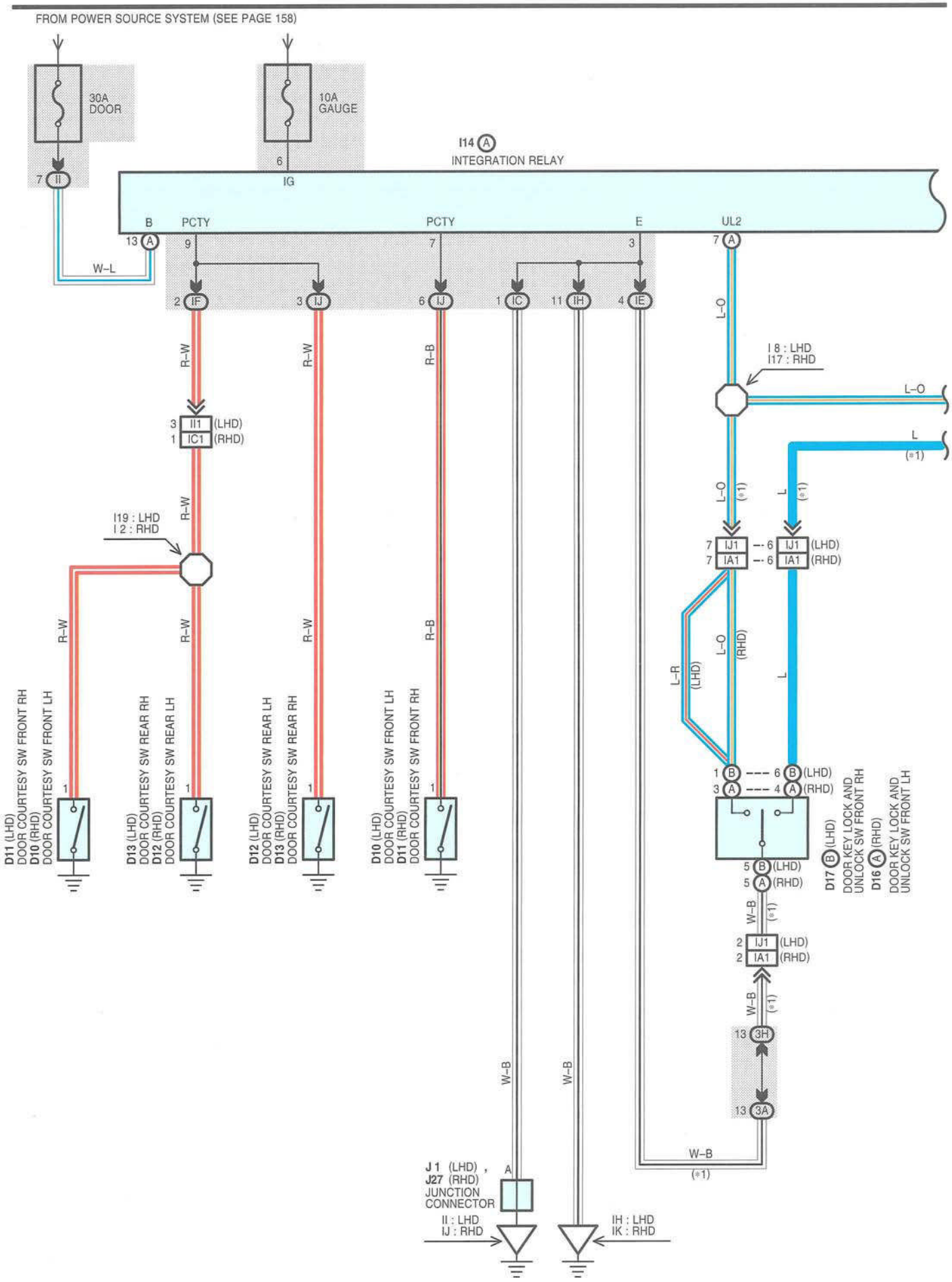
U1 BLACK

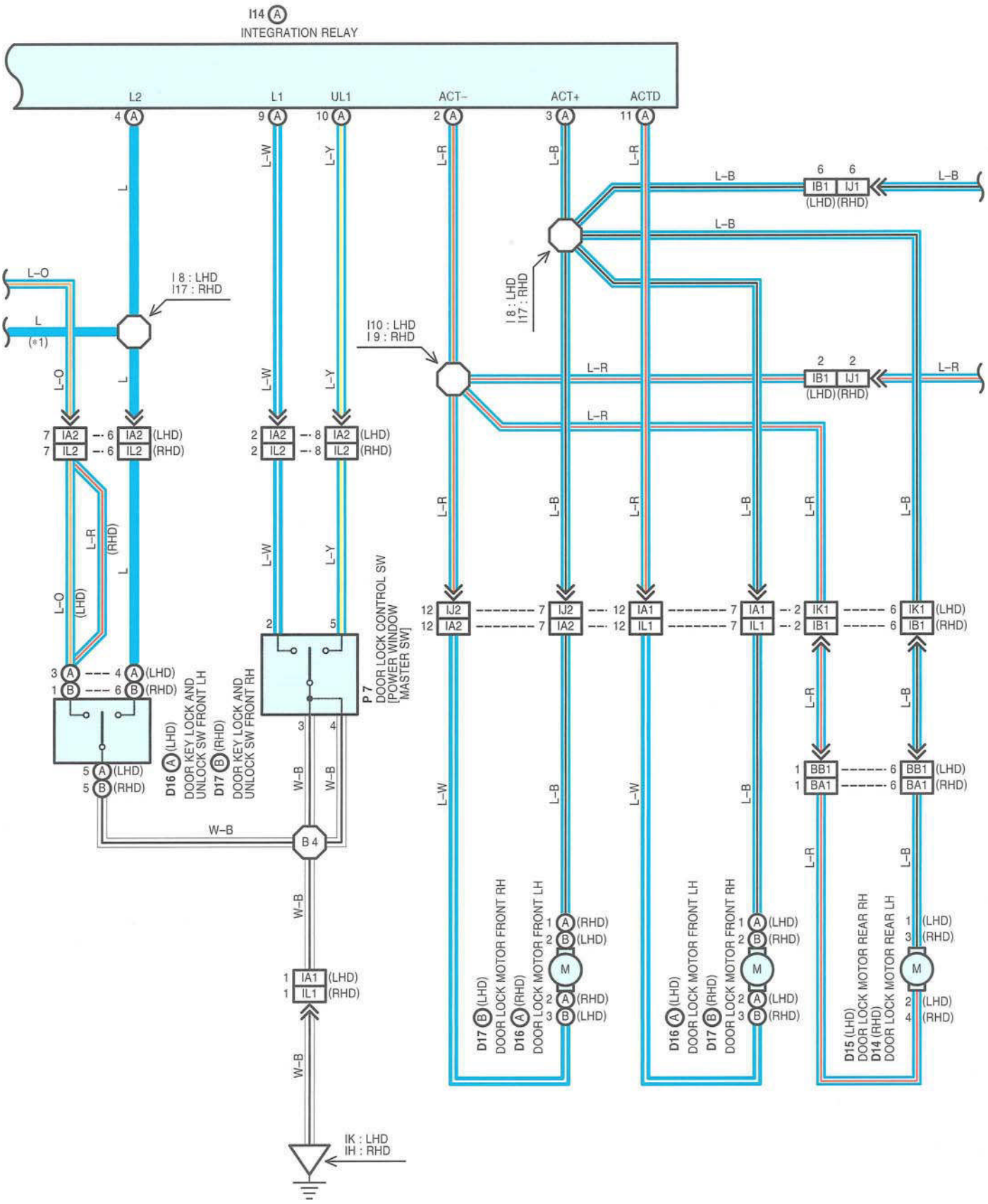


W4

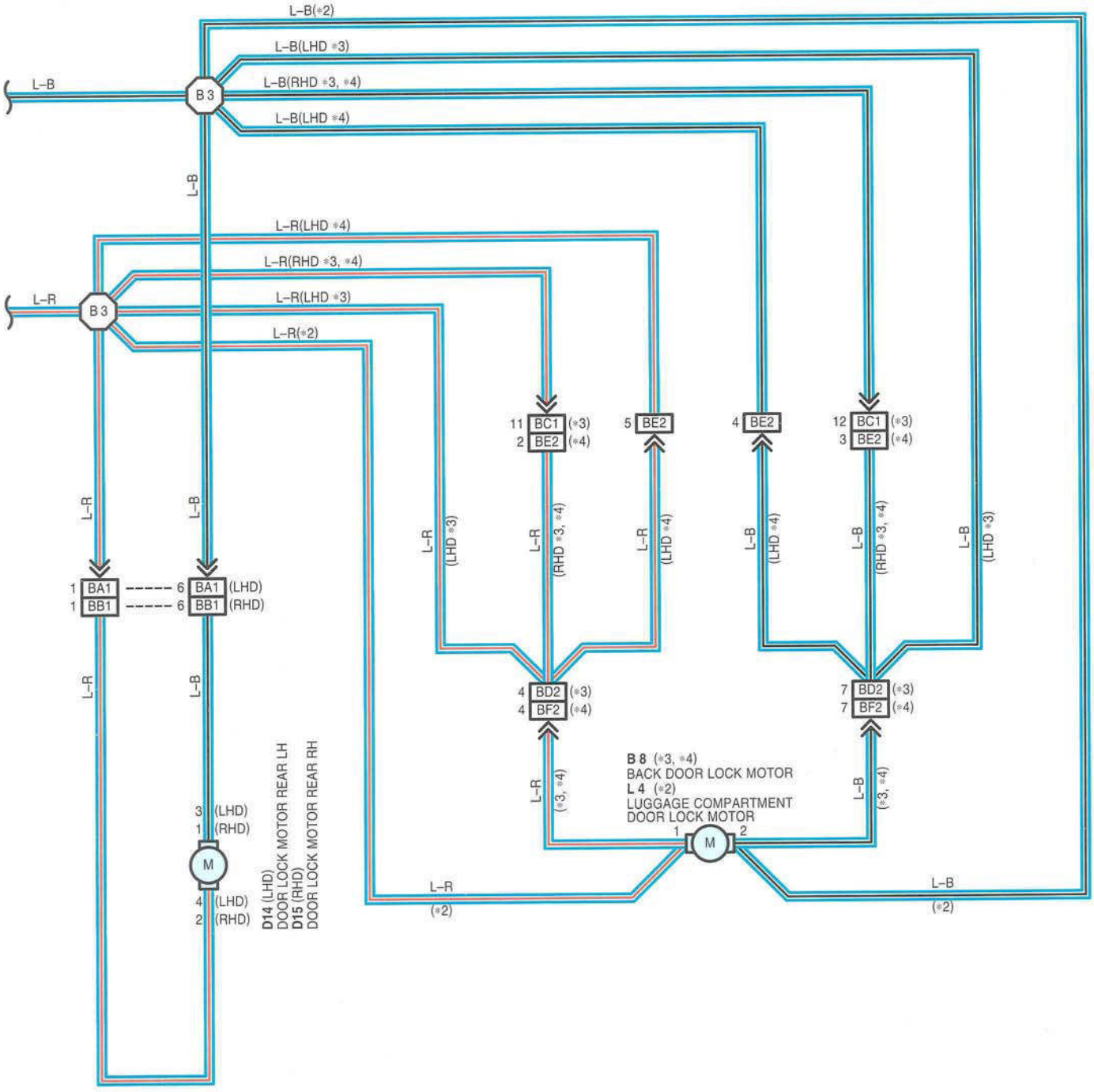


DOOR LOCK CONTROL




I14 A
INTEGRATION RELAY
L2
L1
UL1
ACT–
ACT+
ACTD
I 8 : LHD
I17 : RHD
I10 : LHD
I 9 : RHD
P 7
DOOR LOCK CONTROL SW
[POWER WINDOW
MASTER SW]
D16 (LHD)
DOOR KEY LOCK AND
UNLOCK SW FRONT LH
D17 (RHD)
DOOR KEY LOCK AND
UNLOCK SW FRONT RH
B 4
IK : LHD
IH : RHD
D17 (LHD)
DOOR LOCK MOTOR FRONT RH
D16 (RHD)
DOOR LOCK MOTOR FRONT LH
D16 (LHD)
DOOR LOCK MOTOR FRONT LH
D17 (RHD)
DOOR LOCK MOTOR FRONT RH
D15 (LHD)
DOOR LOCK MOTOR REAR RH
D14 (RHD)
DOOR LOCK MOTOR REAR LH

＊2 : S/D
＊3 : L/B
＊4 : W/G


L–B(＊2)
L–B(LHD ＊3)
L–B(RHD ＊3, ＊4)
L–B(LHD ＊4)
L–B
B 3
L–R(LHD ＊4)
L–R(RHD ＊3, ＊4)
L–R(LHD ＊3)
L–R(＊2)
L–R
B 3
11 BC1 (＊3)
2 BE2 (＊4)
5 BE2
4 BE2
12 BC1 (＊3)
3 BE2 (＊4)
1 BA1 ----- 6 BA1 (LHD)
1 BB1 ----- 6 BB1 (RHD)
4 BD2 (＊3)
4 BF2 (＊4)
7 BD2 (＊3)
7 BF2 (＊4)
3 (LHD)
1 (RHD)
4 (LHD)
2 (RHD)
D14 (LHD) DOOR LOCK MOTOR REAR LH
D15 (RHD) DOOR LOCK MOTOR REAR RH
B 8 (＊3, ＊4)
BACK DOOR LOCK MOTOR
L 4 (＊2)
LUGGAGE COMPARTMENT DOOR LOCK MOTOR
M
L–R
L–B
(LHD ＊3)
(RHD ＊3, ＊4)
(LHD ＊4)
(＊2)
(＊3, ＊4)

SYSTEM OUTLINE

Current always flows to **TERMINAL (A) 13** of the integration relay through the **DOOR** fuse.
When the ignition SW turned on, current flows through the **GAUGE** fuse to **TERMINAL 6** of the integration relay.

1. MANUAL LOCK OPERATION

To change the door lock control SW or door key lock and unlock SW to the **LOCK** position, a lock signal is input to **TERMINAL (A) 4** or **(A) 9** of the integration relay and causes the relay function. Current flows from the **TERMINAL (A) 13** of the relay to **TERMINAL (A) 3** to the door lock motor and back door lock motor (L/B, W/G) or luggage compartment door lock motor (S/D) to **TERMINALS (A) 2** , **(A) 11** of the relay to **TERMINAL 3** to **GROUND** and the door lock motor causes the door to lock.

2. MANUAL UNLOCK OPERATION

To change the door lock control SW or door key lock and unlock SW to the **UNLOCK** position, a unlock signal is input to **TERMINALS (A) 7** or **(A) 10** of the integration relay and causes the relay function.
Current flows from the **TERMINAL (A) 13** of the relay to **TERMINALS (A) 2**, **(A) 11** to door lock motor and back door lock motor (L/B, W/G) or luggage compartment door lock motor (S/D) to **TERMINAL (A) 3** of the relay to **TERMINAL 3** to **GROUND** and the door lock motor causes the door to lock.

SERVICE HINTS

I14 (A) INTEGRATION RELAY

(A)13-GROUND :Always approx. **12** volts
3-GROUND : Always continuity
(A) 3-GROUND : Approx. **12** volts **0.2** seconds with following operation
Door lock control SW locked
Door lock cylinder locked with key
(A) 2, (A) 11-GROUND : Approx. **12** volts **0.2** seconds with following operation
Door lock control SW unlocked
Door lock cylinder unlocked with key
(A) 7-GROUND : Approx. **12** to **0** volts with door lock cylinder unlocked with key
(A) 9-GROUND : Approx. **12** to **0** volts with door lock control SW locked
(A)10-GROUND : Approx. **12** to **0** volts with door lock control SW unlocked
(A) 4-GROUND : Approx. **12** to **0** volts with door lock cylinder locked with key

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B8	82 (LHD L/B)	D13	80 (LHD S/D)	D16 A	100 (RHD L/B)
	84 (LHD W/G)		82 (LHD L/B)		102 (RHD W/G)
	100 (RHD L/B)		84 (LHD W/G)	D17 B	80 (LHD S/D)
	102 (RHD W/G)		98 (RHD S/D)		82 (LHD L/B)
D10	80 (LHD S/D)		100 (RHD L/B)		84 (LHD W/G)
	82 (LHD L/B)		102 (RHD W/G)		98 (RHD S/D)
	84 (LHD W/G)	D14	80 (LHD S/D)		100 (RHD L/B)
	98 (RHD S/D)		82 (LHD L/B)		102 (RHD W/G)
	100 (RHD L/B)		84 (LHD W/G)	I14 A	78 (LHD)
	102 (RHD W/G)		98 (RHD S/D)		96 (RHD)
D11	80 (LHD S/D)		100 (RHD L/B)	J1	78 (LHD)
	82 (LHD L/B)		102 (RHD W/G)	J27	96 (RHD)
	84 (LHD W/G)	D15	80 (LHD S/D)	L4	80 (LHD S/D)
	98 (RHD S/D)		82 (LHD L/B)		98 (RHD S/D)
	100 (RHD L/B)		84 (LHD W/G)	P7	80 (LHD S/D)
	102 (RHD W/G)		98 (RHD S/D)		82 (LHD L/B)
D12	80 (LHD S/D)		100 (RHD L/B)		84 (LHD W/G)
	82 (LHD L/B)		102 (RHD W/G)		98 (RHD S/D)
	84 (LHD W/G)	D16 A	80 (LHD S/D)		100 (RHD L/B)
	98 (RHD S/D)		82 (LHD L/B)		102 (RHD W/G)
	100 (RHD L/B)		84 (LHD W/G)		
	102 (RHD W/G)		98 (RHD S/D)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	132 (RHD)	
IA2	114 (LHD)	
	132 (RHD)	
IB1	114 (LHD)	Instrument Panel Wire and Floor Wire (Left Kick Panel)
	132 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
II1	116 (LHD)	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
IJ1	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
	134 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IJ2	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK1	116 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
IL1	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2	134 (RHD)	
BA1	118 (LHD S/D)	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	
BB1	118 (LHD S/D)	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	
BC1	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BD2	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
	138 (RHD L/B)	
BE2	122 (LHD W/G)	Floor Wire and Roof No.3 Wire (Left Qurter Panel)
	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF2	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
	140 (RHD W/G)	

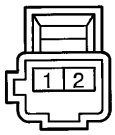
: GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
	132 (RHD)	
II	114 (LHD)	
IJ	132 (RHD)	Right Kick Panel
IK	114 (LHD)	
	132 (RHD)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	134 (RHD)	Floor No.2 Wire	B3	136 (RHD S/D)	Floor Wire
I8	116 (LHD)	Instrument Panel Wire		138 (RHD L/B)	
I9	134 (RHD)			140 (RHD W/G)	
I10	116 (LHD)	Cowl Wire	B4	118 (LHD S/D)	Front Door LH Wire
I17	134 (RHD)	Instrument Panel Wire		120 (LHD L/B)	
I19	116 (LHD)	Floor No.2 Wire		122 (LHD W/G)	
B3	118 (LHD S/D)	Floor Wire		136 (RHD S/D)	Front Door RH Wire
	120 (LHD L/B)			138 (RHD L/B)	
	122 (LHD W/G)			140 (RHD W/G)	

(L/B, W/G) B8 BLACK



D10



D11



D12



D13



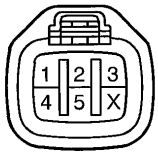
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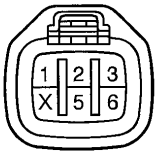
D15 BLACK



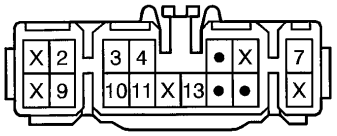
D16 (A) BLACK



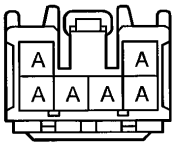
D17 (B) BLACK



I14 (A) ORANGE

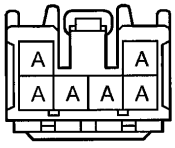


J1



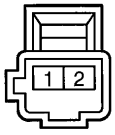
(Hint : See Page 7, 23, 39)

J27

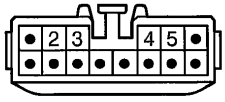


(Hint : See Page 7, 23, 39)

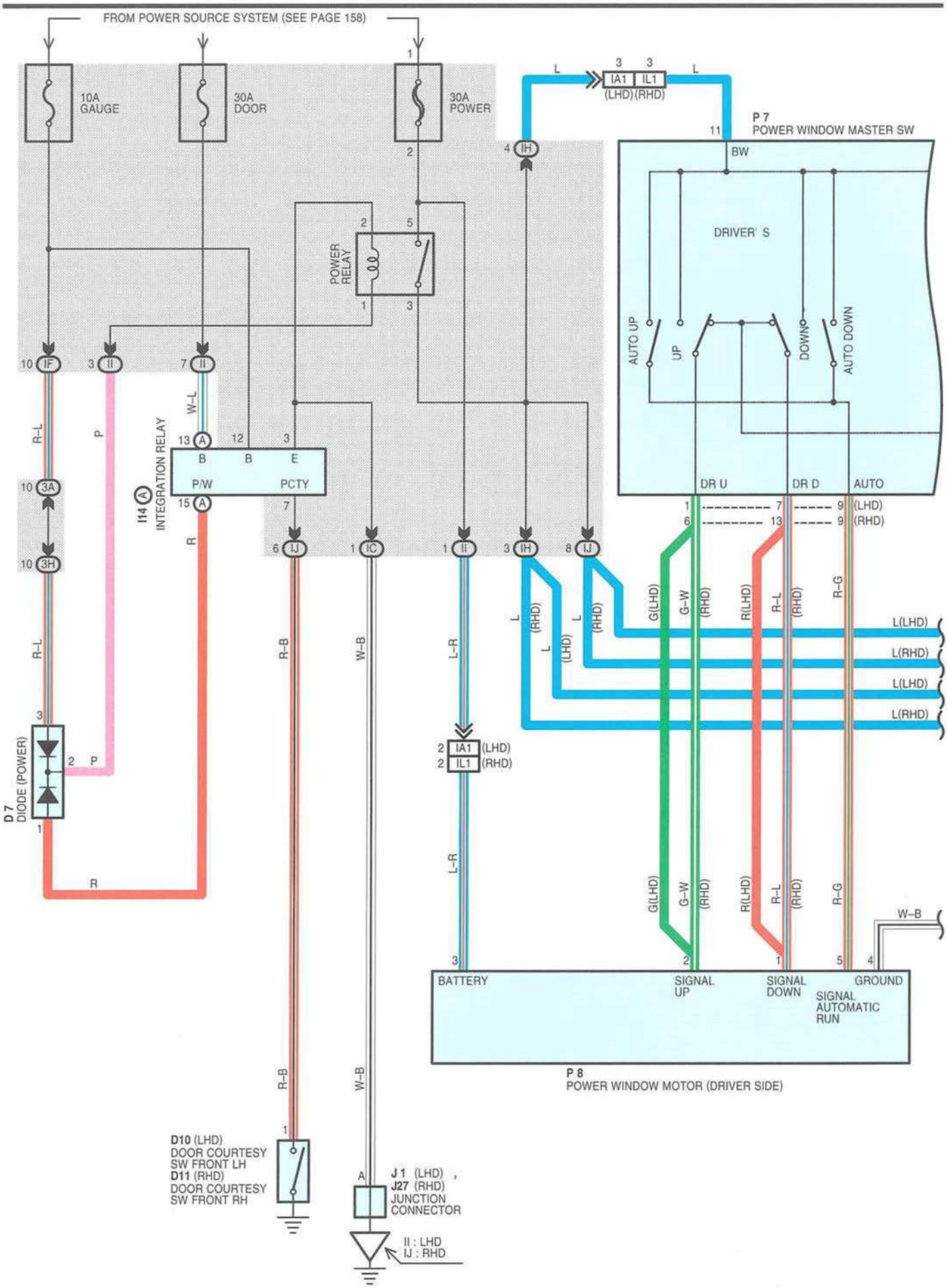
(S/D) L4

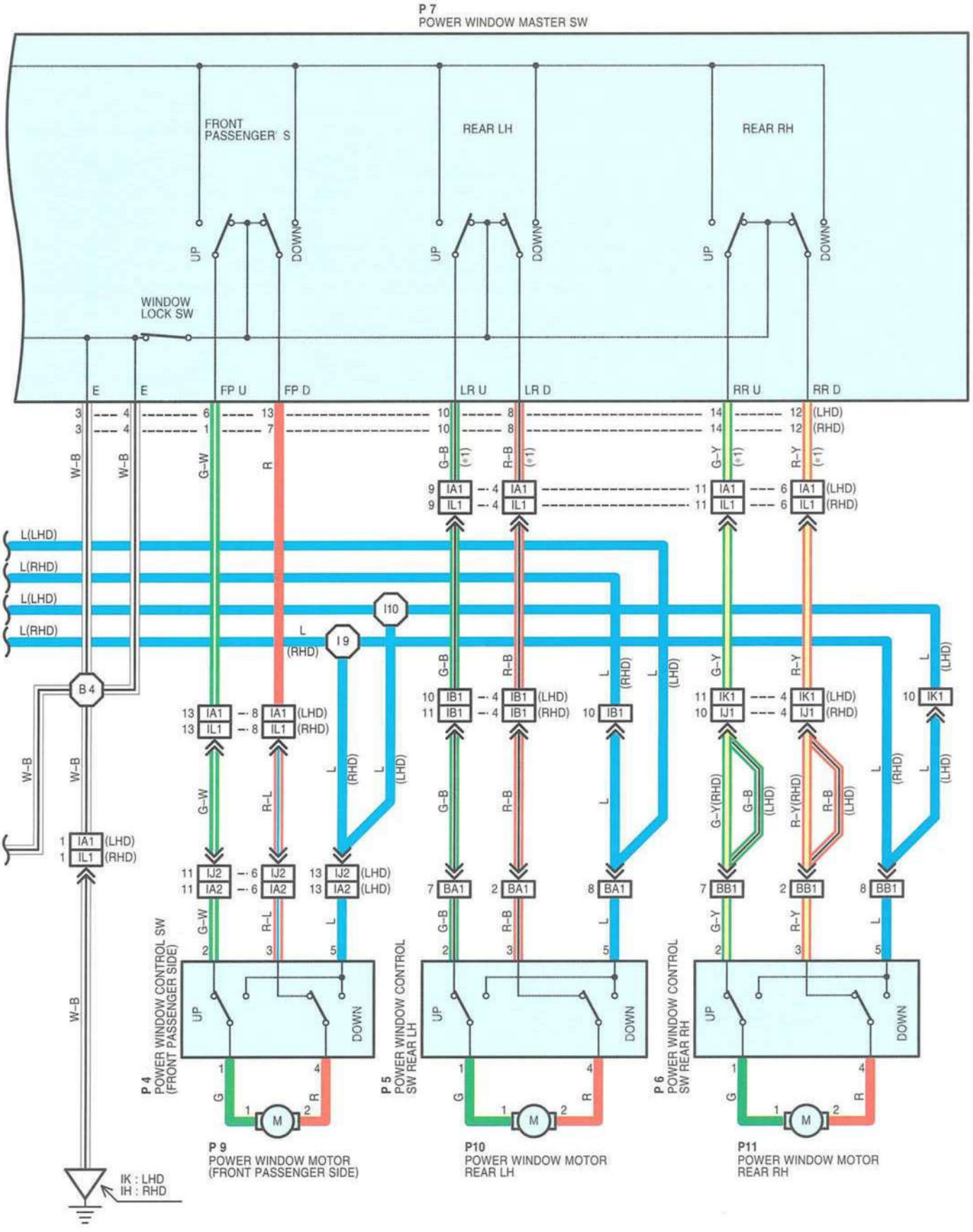


P7



POWER WINDOW




P 7
POWER WINDOW MASTER SW
FRONT PASSENGER S
REAR LH
REAR RH
UP
DOWN
WINDOW LOCK SW
E
E
FP U
FP D
LR U
LR D
RR U
RR D
W-B
G-W
R
G-B
R-B
G-Y
R-Y
(*1)
L(LHD)
L(RHD)
I10
I9
B4
IA1
IL1
IJ2
IA2
IB1
IK1
IJ1
BA1
BB1
(LHD)
(RHD)
R-L
L
G-Y(RHD)
R-Y(RHD)
P 4
POWER WINDOW CONTROL SW (FRONT PASSENGER SIDE)
P 5
POWER WINDOW CONTROL SW REAR LH
P 6
POWER WINDOW CONTROL SW REAR RH
G
R
M
P 9
POWER WINDOW MOTOR (FRONT PASSENGER SIDE)
P10
POWER WINDOW MOTOR REAR LH
P11
POWER WINDOW MOTOR REAR RH
IK : LHD
IH : RHD

POWER WINDOW

SYSTEM OUTLINE

When the ignition SW turned on, current flows through the **GAUGE** fuse to **TERMINAL 12** of the integration relay and **TERMINAL 3** of the diode (power) to **TERMINAL 2** to **TERMINAL 1** of the power relay to **TERMINAL 2** to **GROUND**. This activates the relay and the current flowing to **TERMINAL 5** of the relay from **POWER** fuse flows to **TERMINAL 3** of the relay to **TERMINAL BW** of the power window master SW, **TERMINAL 5** of the power window control SW.

1. MANUAL OPERATION (DRIVER'S WINDOW)

With the ignition SW turned on and with the power window master SW in **UP** position, the current flowing to **TERMINAL BW** of the power window master SW flows to **TERMINAL DR U** of the master SW to **TERMINAL 2** of the power window motor to **TERMINAL 1** to **TERMINAL DR D** of the master SW to **TERMINAL E** to **GROUND** and causes the power window motor to rotate in the up direction. The window ascends only while the SW is being pulled. In down operation, the flows of current from to **TERMINAL BW** of the power window master SW to **TERMINAL DR D** of the master SW causes the flow of current from **TERMINAL 1** of the motor to **TERMINAL 2** to **TERMINAL DR U** of the master SW to **TERMINAL E** to **GROUND**, flowing in the opposite direction to manual up operation and causing the motor to rotate in reverse, lowering the window.

2. AUTO DOWN OPERATION (DRIVER'S WINDOW)

When the power window master SW is pushed strongly on the down side, current flows from **TERMINAL BW** of the master SW to **TERMINAL DR D** to **TERMINAL 1** of the power window motor to **TERMINAL 2** to **TERMINAL DR U** of the master SW to **TERMINAL E** to **GROUND**. Because the hold circuit inside the motor keeps the relay on the down side activated, the power window motor continues operating even if the power window master SW is released. When the driver's window is fully lowered, the hold circuit turns off and the relay on the down side turns off, so auto down operation stops.

3. AUTO UP OPERATION (DRIVER'S WINDOW)

With the ignition SW on and auto SW of the power window master SW in up side, current flowing to **TERMINAL BW** of the master SW flows to **TERMINAL DR U** to **TERMINAL 2** of the power window motor to **TERMINAL 1** to **TERMINAL DR D** of the master SW to **TERMINAL E** to **GROUND**, causing the power window motor to rotate towards the up side. Then the hold circuit in the motor is activated and it locks the auto SW being pulled, causing the motor to continue to rotate in auto up operation.

when the window has completely ascended, the current flow between **TERMINAL DR D** of the master SW and **TERMINAL E** increases. As a result, the hold circuit stops operating, the auto SW turns off and flow from **TERMINAL BW** of the master SW to **TERMINAL DR U** is cut off, stopping the motor so that auto stop occurs.

4. STOPPING OF AUTO DOWN AT DRIVER'S WINDOW

When the master SW is pulled to the up side during auto down operation, a ground circuit opens in the master SW and current does not flow from **TERMINAL DR U** of the master SW to **TERMINAL E**, so the motor stops, causing auto down operation to stop. If the master SW is pulled continuous, the motor rotates in the up direction in manual up operation.

5. STOPPING OF AUTO UP AT DRIVER'S WINDOW

When the master SW is pushed to down side during auto up operation, a ground circuit opens in the master SW and current does not flow from **TERMINAL DR D** of the master SW to **TERMINAL E**, so the motor stops, causing auto up operation to stop. If the master SW is pulled continuous the motor rotates in the down direction in down operation.

6. MANUAL OPERATION BY POWER WINDOW SW (FRONT PASSENGER WINDOW)

With the power window control SW (Front passenger side) pulled to the up side, current flowing from **TERMINAL 5** of the power window control SW flows to **TERMINAL 1** to **TERMINAL 2** of the power window motor to **TERMINAL 1** to **TERMINAL 4** of the power window control SW to **TERMINAL 3** to **TERMINAL FP D** of the master SW to **TERMINAL E** to **GROUND** and causes the power window motor to rotate in the up direction. Up operation continues only while the power window control SW is pulled to the up side. When the window descends, the current flowing to the motor flows in the opposite direction, from **TERMINAL 2** to **TERMINAL 1**, and the motor rotates in reverse. When the window lock SW is pushed to the lock side, the ground circuit to the passenger's window becomes open. As a result, even if Open/Close operation of the passenger's window is tried, the current from **TERMINAL E** of the power window master SW is not grounded and the motor does not rotate, so the passenger's window can not be operated and window lock occurs. furthermore rear LH, RH window operate the same as the above circuit.

7. CAUGHT PREVENTION OPERATION

At the time of one-touch automatic up operation, if foreign object is caught between a window frame and a glass, the glass rise will stop and reverse to descend.

8. KEY OFF POWER WINDOW OPERATION

The power window can be operated for approximately **45** seconds, when the ignition SW is turned from ON to OFF with all doors closed. However, when the driver side door is opened during this time, the operation is canceled.

SERVICE HINTS

P7 POWER WINDOW MASTER SW

BW-GROUND : Approx. **12** volts with the ignition SW at **ON** position
DR U-GROUND : Approx. **12** volts with the ignition SW on and master SW at **UP** or **AUTO UP** posotion
DR D-GROUND : Approx. **12** volts with the ignition SW on and master SW at **DOWN** or **AUTO DOWN** position
E-GROUND : Always continuity

WINDOW LOCK SW

Open with window lock SW at **LOCK** position

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D7	76 (LHD)	P5	84 (LHD W/G)	P8	100 (RHD L/B)
	94 (RHD)		98 (RHD S/D)		102 (RHD W/G)
D10	80 (LHD S/D)		100 (RHD L/B)	P9	80 (LHD S/D)
	82 (LHD L/B)		102 (RHD W/G)		82 (LHD L/B)
	84 (LHD W/G)	P6	80 (LHD S/D)		84 (LHD W/G)
D11	98 (RHD S/D)		82 (LHD L/B)		98 (RHD S/D)
	100 (RHD L/B)		84 (LHD W/G)		100 (RHD L/B)
	102 (RHD W/G)		98 (RHD S/D)		102 (RHD W/G)
I14 A	78 (LHD)		100 (RHD L/B)	P10	80 (LHD S/D)
	96 (RHD)		102 (RHD W/G)		82 (LHD L/B)
J1	78 (LHD)	P7	80 (LHD S/D)		84 (LHD W/G)
J27	96 (RHD)		82 (LHD L/B)		98 (RHD S/D)
P4	80 (LHD S/D)		84 (LHD W/G)		100 (RHD L/B)
	82 (LHD L/B)		98 (RHD S/D)		102 (RHD W/G)
	84 (LHD W/G)		100 (RHD L/B)	P11	80 (LHD S/D)
	98 (RHD S/D)		102 (RHD W/G)		82 (LHD L/B)
	100 (RHD L/B)	P8	80 (LHD S/D)		84 (LHD W/G)
	102 (RHD W/G)		82 (LHD L/B)		98 (RHD S/D)
P5	80 (LHD S/D)		84 (LHD W/G)		100 (RHD L/B)
	82 (LHD L/B)		98 (RHD S/D)		102 (RHD W/G)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3H	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	132 (RHD)	
IB1	114 (LHD)	Instrument Panel Wire and Floor Wire (Left Kick Panel)
	132 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IJ1	134 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IJ2	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK1	116 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
IL1	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	118 (LHD S/D)	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	
BB1	118 (LHD S/D)	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	

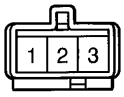
: GROUND POINTS

Code	See Page	Ground Points Location
IH	132 (RHD)	Left Kick Panel
II	114 (LHD)	
IJ	132 (RHD)	Right Kick Panel
IK	114 (LHD)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I9	134 (RHD)	Instrument Panel Wire	B4	122 (LHD W/G)	Front Door LH Wire
I10	116 (LHD)	Cowl Wire		136 (RHD S/D)	Front Door RH Wire
B4	118 (LHD S/D)	Front Door LH Wire		138 (RHD L/B)	
	120 (LHD L/B)			140 (RHD W/G)	

D7 ORANGE



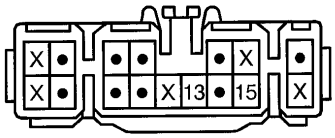
D10



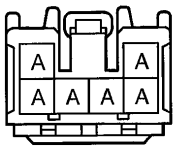
D11



I14 (A) ORANGE

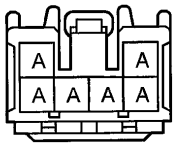


J1



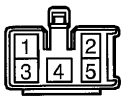
(Hint : See Page 7, 23, 39)

J27

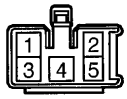


(Hint : See Page 7, 23, 39)

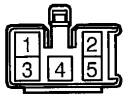
P4 BLACK



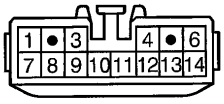
P5 BLACK



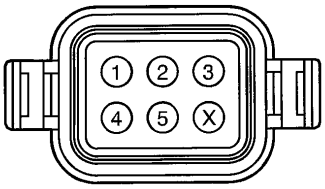
P6 BLACK



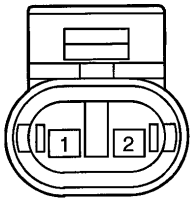
P7



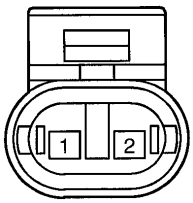
P8 GRAY



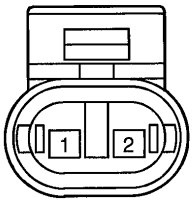
P9 BLACK



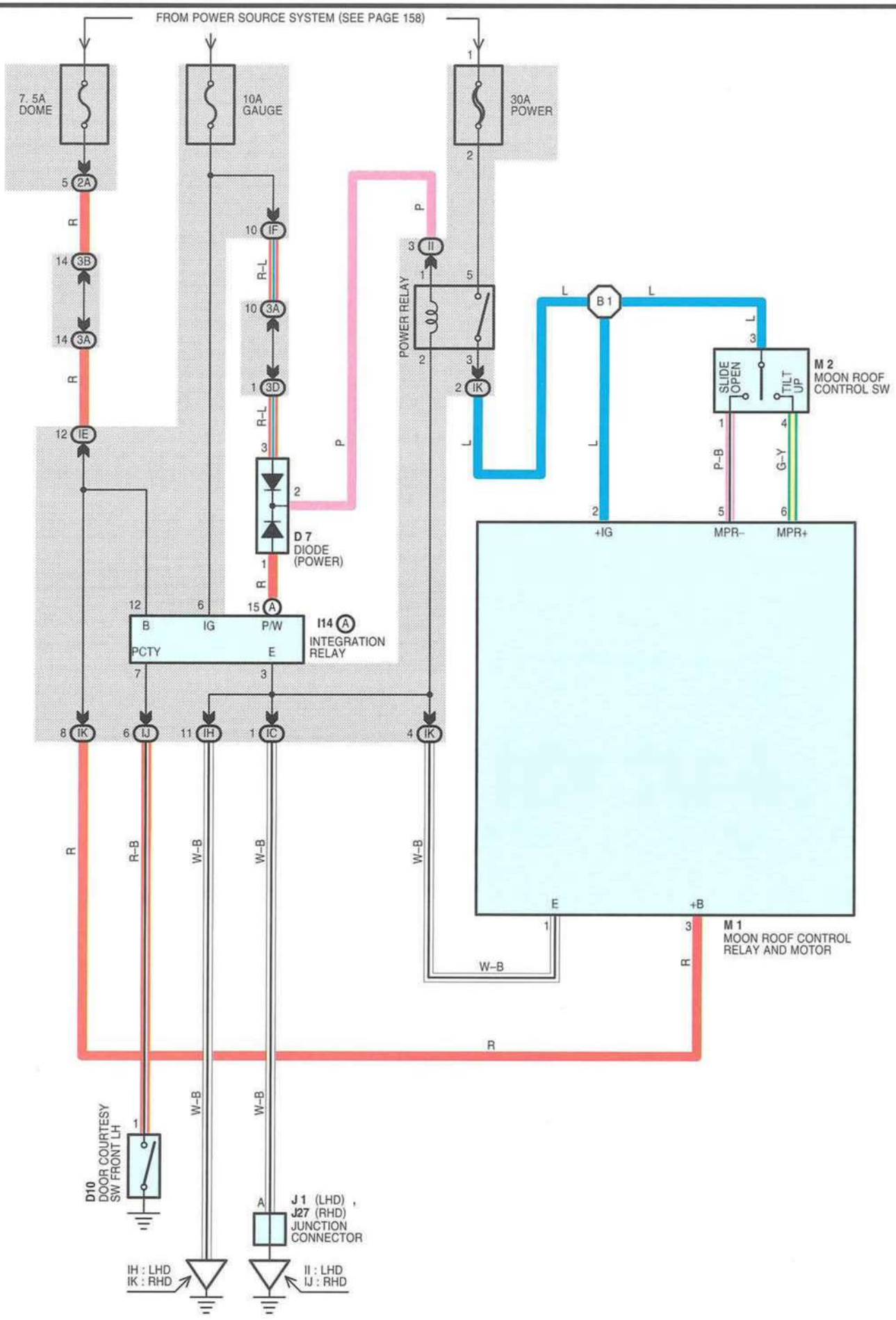
P10 BLACK



P11 BLACK



MOON ROOF


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
7.5A DOME
10A GAUGE
30A POWER
POWER RELAY
D 7 DIODE (POWER)
I14 INTEGRATION RELAY
B P/W IG PCTY E
M 2 MOON ROOF CONTROL SW
SLIDE OPEN
TILT UP
+IG
MPR- MPR+
M 1 MOON ROOF CONTROL RELAY AND MOTOR
E +B
D10 DOOR COURTESY SW FRONT LH
J 1 (LHD) , J27 (RHD) JUNCTION CONNECTOR
IH : LHD IK : RHD
II : LHD IJ : RHD

SERVICE HINTS

M1 MOON ROOF CONTROL RELAY AND MOTOR

6-GROUND : Always continuity
5-GROUND : Approx. **12** volts with the ignition SW at **ON** position
1-GROUND : Approx. **12** volts with the ignition SW on and the moon roof control SW at **CLOSE** or **UP** position
2-GROUND : Approx. **12** volts with the ignition SW on and the moon roof control SW at **OPEN** or **DOWN** position

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D7	76 (LHD)	I14 A	78 (LHD)	M1	100 (RHD L/B)
	94 (RHD)		96 (RHD)		102 (RHD W/G)
D10	80 (LHD S/D)	J1	78 (LHD)	M2	80 (LHD S/D)
	82 (LHD L/B)	J27	96 (RHD)		82 (LHD L/B)
	84 (LHD W/G)	M1	80 (LHD S/D)		84 (LHD W/G)
	98 (RHD S/D)		82 (LHD L/B)		98 (RHD S/D)
	100 (RHD L/B)		84 (LHD W/G)		100 (RHD L/B)
	102 (RHD W/G)		98 (RHD S/D)		102 (RHD W/G)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
II		
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
IK	59	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

▽ : GROUND POINTS

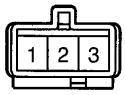
Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		

⯃ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B1	118 (LHD S/D)	Roof Wire	B1	136 (RHD S/D)	Roof Wire
	120 (LHD L/B)			138 (RHD L/B)	
	122 (LHD W/G)			140 (RHD W/G)	

MOON ROOF

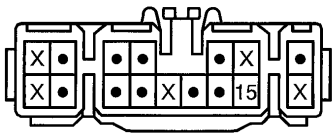
D7 ORANGE



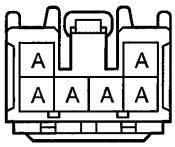
D10



I14 (A) ORANGE

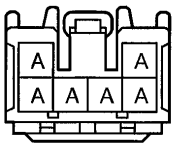


J1

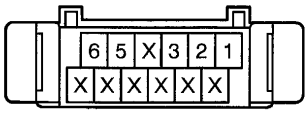


(Hint : See Page 7, 23, 39)

J27



M1 BLACK

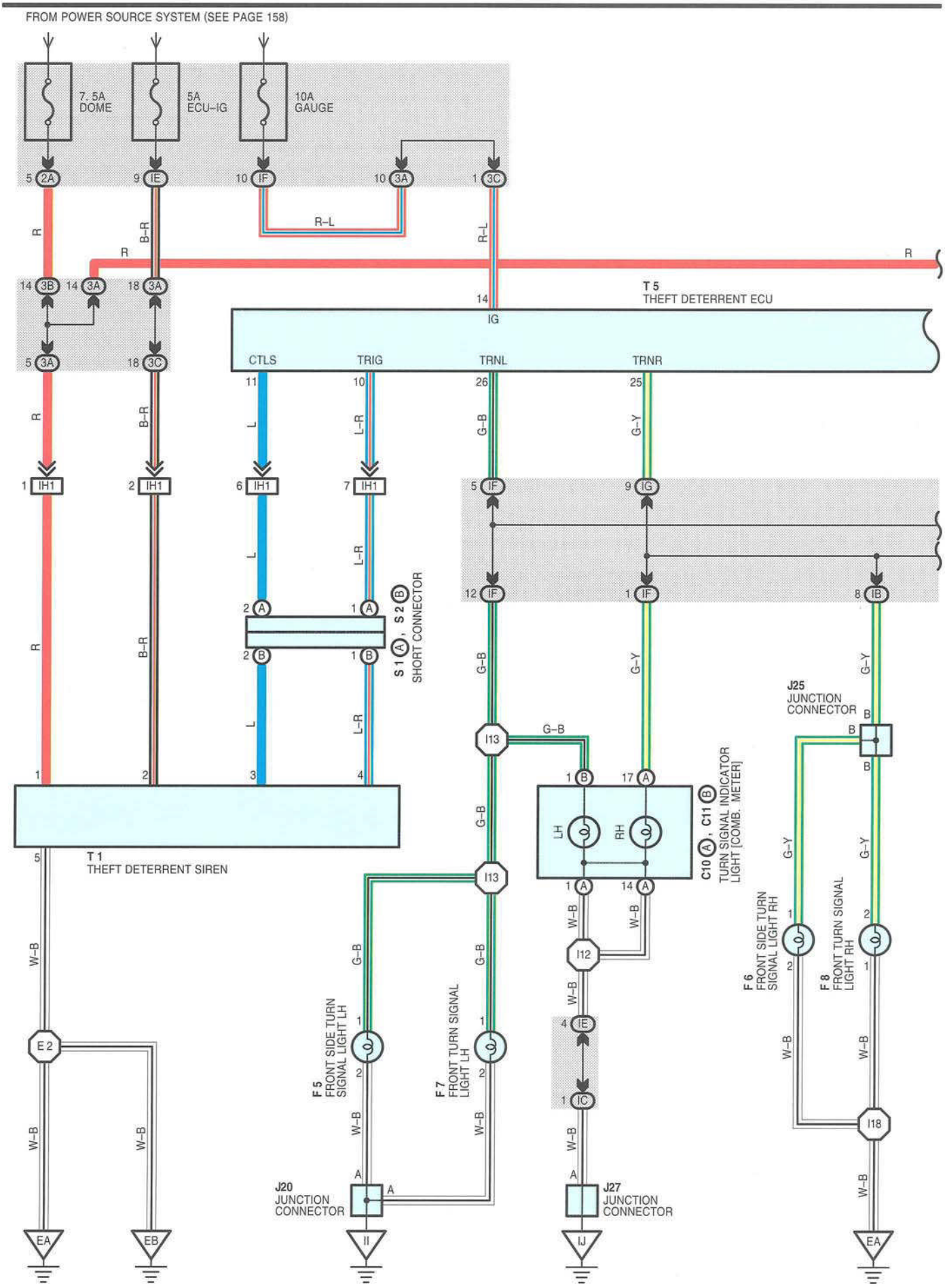


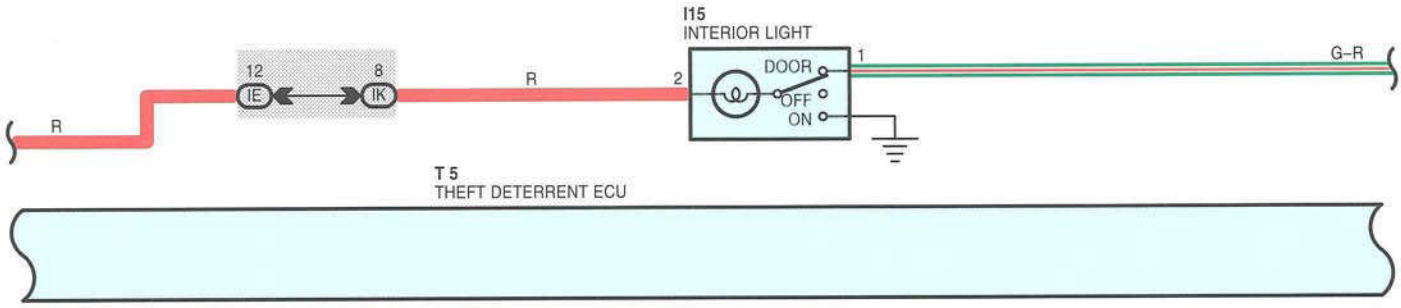
M2

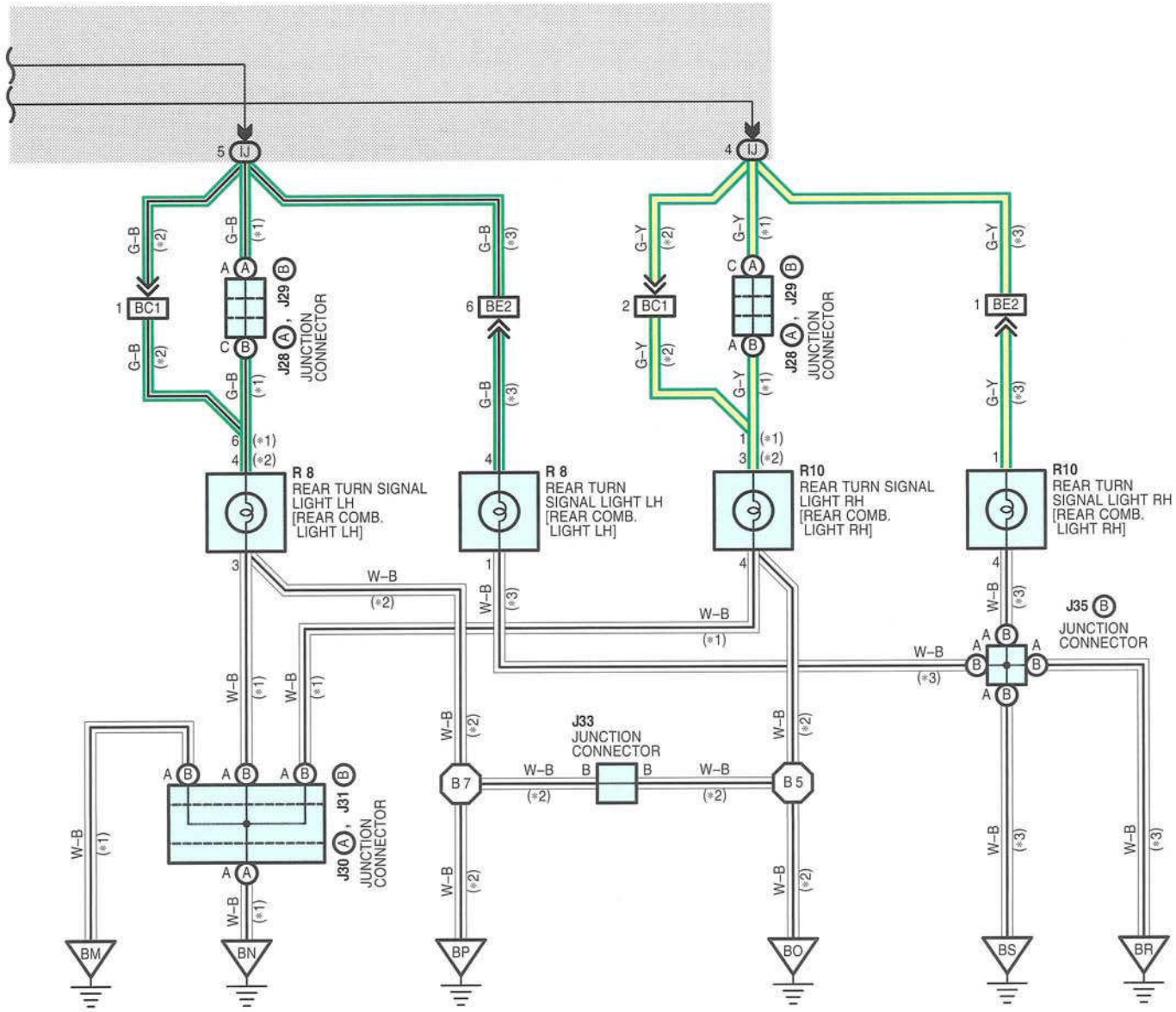


(Hint : See Page 7, 23, 39)

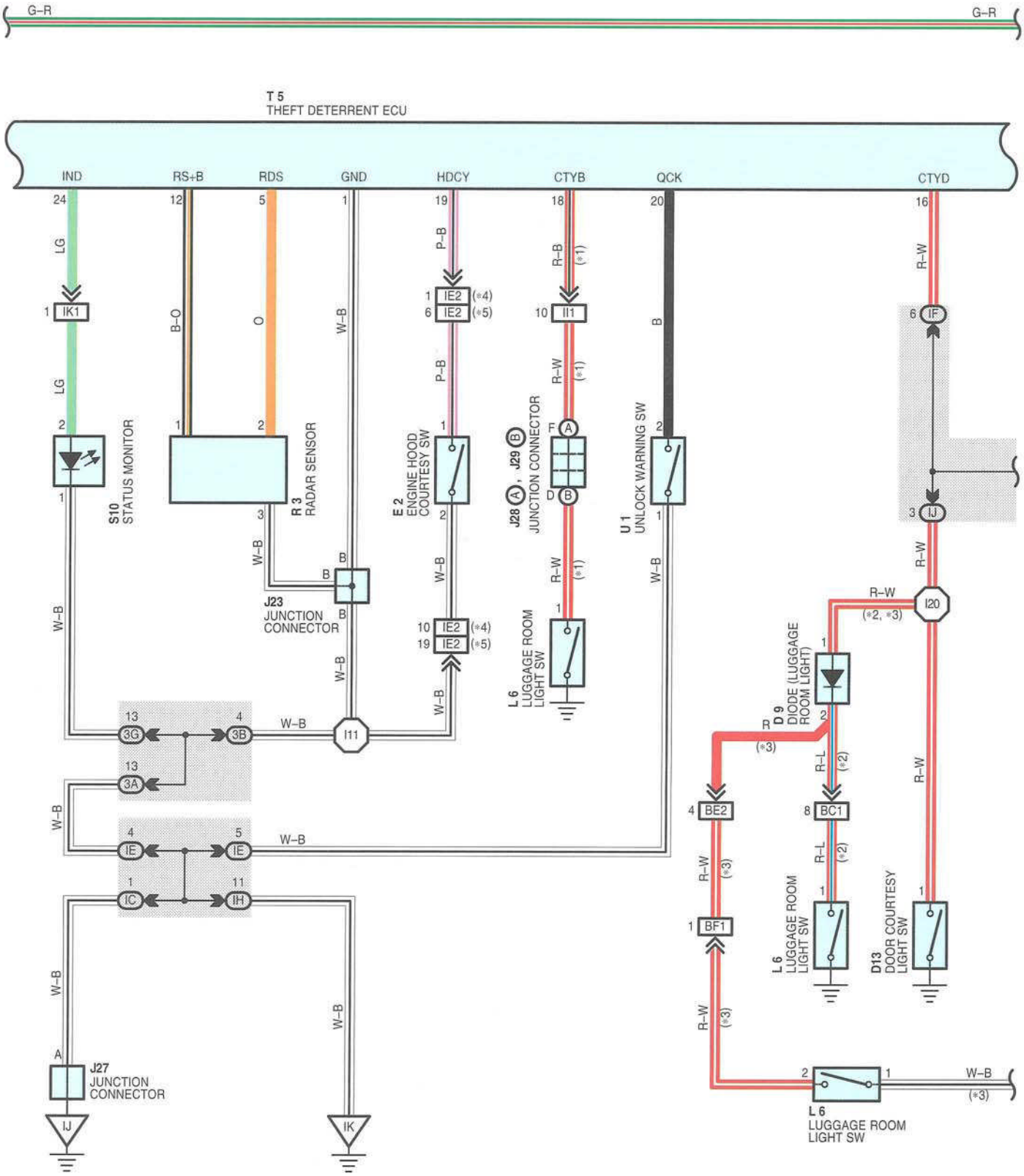
THEFT DETERRENT (RHD)



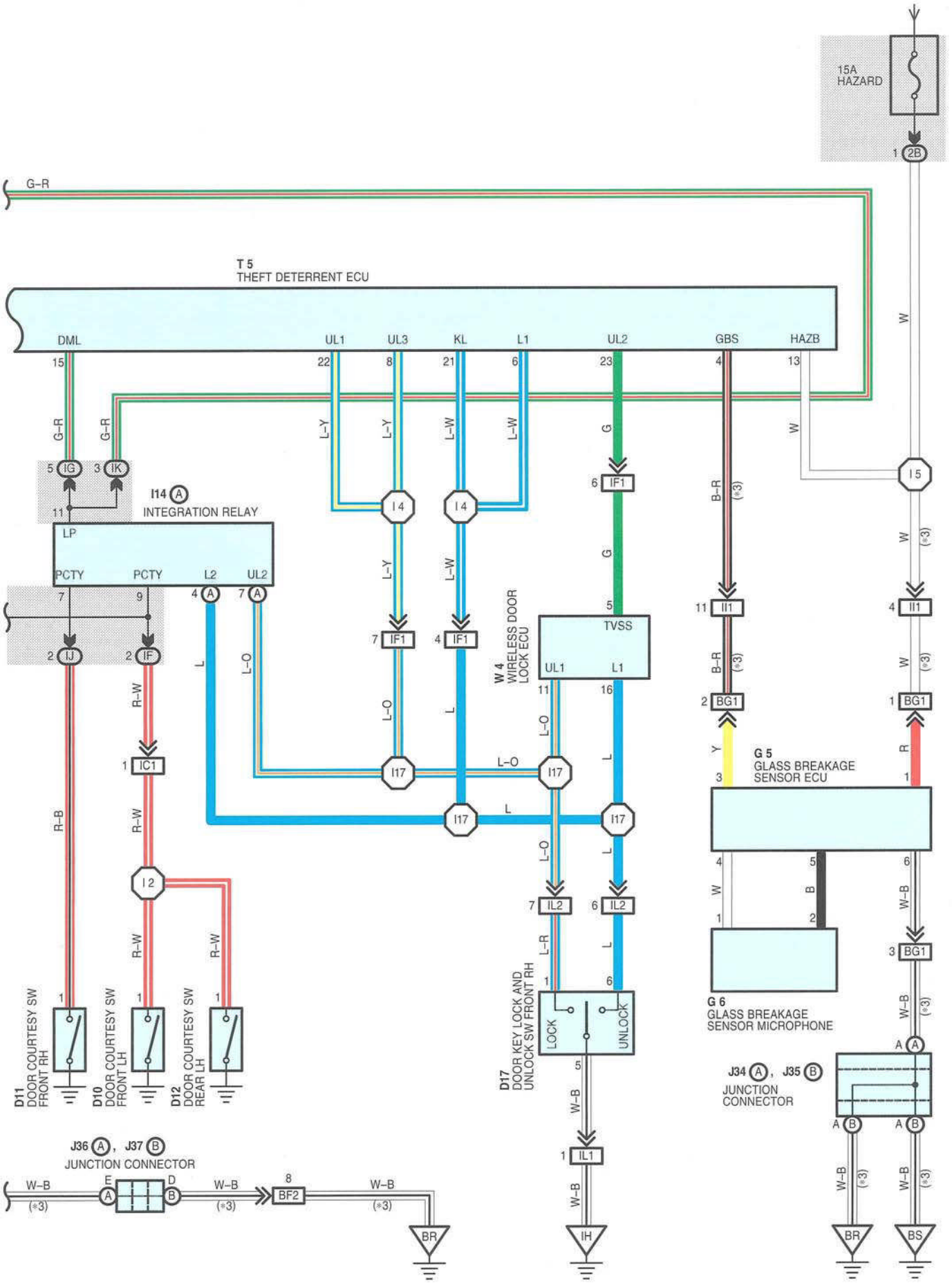

I15
INTERIOR LIGHT
12
IE
8
IK
R
R
2
DOOR
OFF
ON
1
G–R
T 5
THEFT DETERRENT ECU


5 IJ
4 IJ
G–B
G–Y
(*1)
(*2)
(*3)
1 BC1
2 BC1
6 BE2
1 BE2
J28 , J29
JUNCTION CONNECTOR
R 8
REAR TURN SIGNAL LIGHT LH [REAR COMB. LIGHT LH]
R10
REAR TURN SIGNAL LIGHT RH [REAR COMB. LIGHT RH]
W–B
J33
JUNCTION CONNECTOR
B 7
B 5
J35
JUNCTION CONNECTOR
J30 , J31
JUNCTION CONNECTOR
BM
BN
BP
BO
BS
BR

THEFT DETERRENT (RHD)



FROM POWER SOURCE SYSTEM (SEE PAGE 158)



THEFT DETERRENT (RHD)

O : PARTS LOCATION

Code		See Page
C10	A	94 (RHD)
C11	B	94 (RHD)
D9		100 (RHD L/B)
		102 (RHD W/G)
D10		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
D11		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
D12		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
D13		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
D17		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
E2		86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
F5		86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
F6		86 (RHD 3S-FE)

Code		See Page
F6		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
F7		86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
F8		86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
G5		102 (RHD W/G)
G6		102 (RHD W/G)
I14	A	96 (RHD)
I15		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
J20		96 (RHD)
J23		96 (RHD)
J25		96 (RHD)
J27		96 (RHD)
J28	A	98 (RHD S/D)
J29	B	98 (RHD S/D)
J30	A	98 (RHD S/D)
J31	B	98 (RHD S/D)
J33		100 (RHD L/B)
J34	A	102 (RHD W/G)
J35	B	102 (RHD W/G)
J36	A	102 (RHD W/G)

Code		See Page
J37	B	102 (RHD W/G)
L6		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
R3		96 (RHD)
R8		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
R10		98 (RHD S/D)
		100 (RHD L/B)
		102 (RHD W/G)
S1	A	86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
S2	B	86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
S10		96 (RHD)
T1		86 (RHD 3S-FE)
		88 (RHD 7A-FE)
		92 (RHD 2C-TE)
T5		96 (RHD)
U1		96 (RHD)
W4		96 (RHD)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IJ	59	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
IK	59	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
3A	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B		
3C		
3G	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF1	132 (RHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)
IH1	134 (RHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
II1	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2		
BC1	138 (RHD L/B)	Floor Wire and Floor Wire (Under the Right Qurter Pillar)
BE2	140 (RHD W/G)	Roof No.3 Wire and Floor Wire (Right Qurter Panel)
BF1	140 (RHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2		
BG1	140 (RHD W/G)	Floor Wire and Glass Breakage Sensor Wire (Right Qurter Panel)

: GROUND POINTS

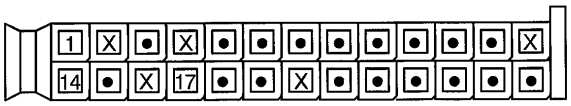
Code	See Page	Ground Points Location
EA	124 (RHD 3S-FE)	Under the Headlight RH
	126 (RHD 7A-FE)	
	130 (RHD 2C-TE)	
EB	124 (RHD 3S-FE)	Under the Headlight LH
	126 (RHD 7A-FE)	
	130 (RHD 2C-TE)	
IH	132 (RHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		
BM	136 (RHD S/D)	Back Panel Center
BN	136 (RHD S/D)	Right Quarter Pillar
BO	138 (RHD L/B)	Under the Left Quarter Pillar
BP	138 (RHD L/B)	Back Panel Center
BR	140 (RHD W/G)	Rear Quarter Panel LH
BS	140 (RHD W/G)	Rear Quarter Panel RH

THEFT DETERRENT (RHD)

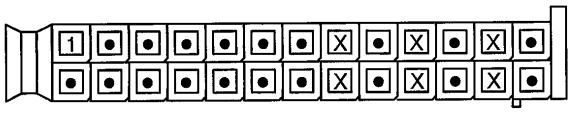
: **SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	124 (RHD 3S-FE)	Engine Room Main Wire	I12	134 (RHD)	Cowl Wire
	126 (RHD 7A-FE)		I13		
	130 (RHD 2C-TE)		I17	134 (RHD)	Instrument Panel Wire
I2	134 (RHD)	Floor No.2 Wire	I18	134 (RHD)	Engine Room Main Wire
I4	134 (RHD)	Cowl Wire	I20	134 (RHD)	Floor Wire
I5			B5	140 (RHD W/G)	
I11			B7	138 (RHD L/B)	

C10 (A) BLACK



C11 (B) GREEN



D9 BLACK



D10



D11



D12



D13



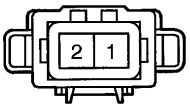
D17 BLACK



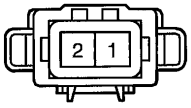
E2



F5 BLACK



F6 BLACK



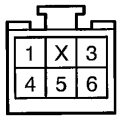
F7 BLACK



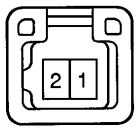
F8 BLACK



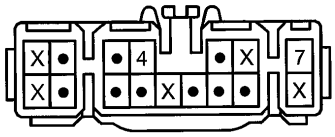
G5



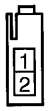
G6



I14 (A) ORANGE

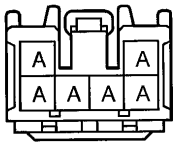


I15



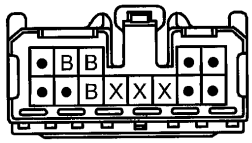
GA-2-1-B

J20



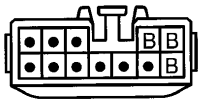
(Hint : See Page 7, 23, 39)

J23 BLUE



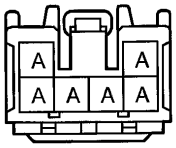
(Hint : See Page 7, 23, 39)

J25 BLACK



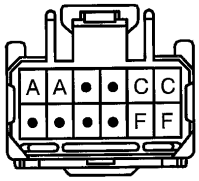
(Hint : See Page 7, 23, 39)

J27



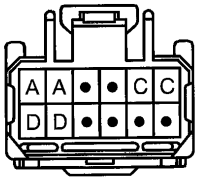
(Hint : See Page 7, 23, 39)

J28 (A)



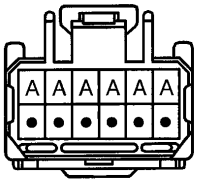
(Hint : See Page 7, 23, 39)

J29 (B)



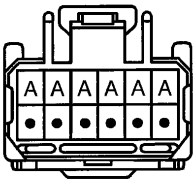
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



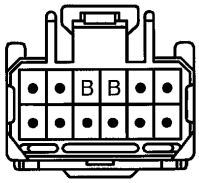
(Hint : See Page 7, 23, 39)

J31 (B) GRAY



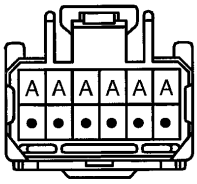
(Hint : See Page 7, 23, 39)

J33 BLACK



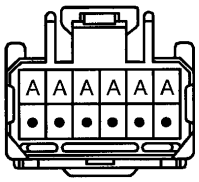
(Hint : See Page 7, 23, 39)

J34 (A) GRAY



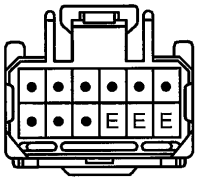
(Hint : See Page 7, 23, 39)

J35 (B) GRAY



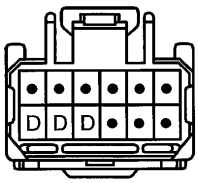
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



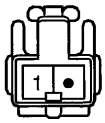
(Hint : See Page 7, 23, 39)

J37 (B) BLACK

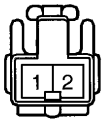


(Hint : See Page 7, 23, 39)

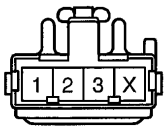
(S/D, L/B) L6 GRAY



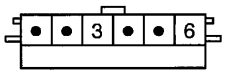
(W/G) L6



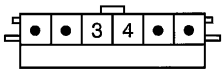
R3



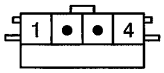
(S/D) R8 BLACK



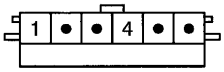
(L/B) R8 BLACK



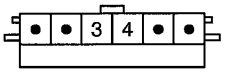
(W/G) R8 BLACK



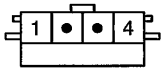
(S/D) R10 BLACK



(L/B) R10 BLACK



(W/G) R10 BLACK



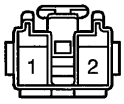
S1 (A)



S2 (B)



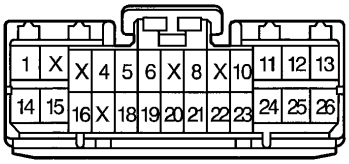
S10



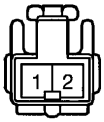
T1 GRAY



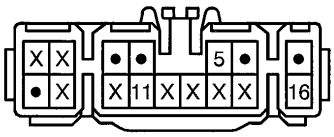
T5 DARK GRAY



U1 BLACK

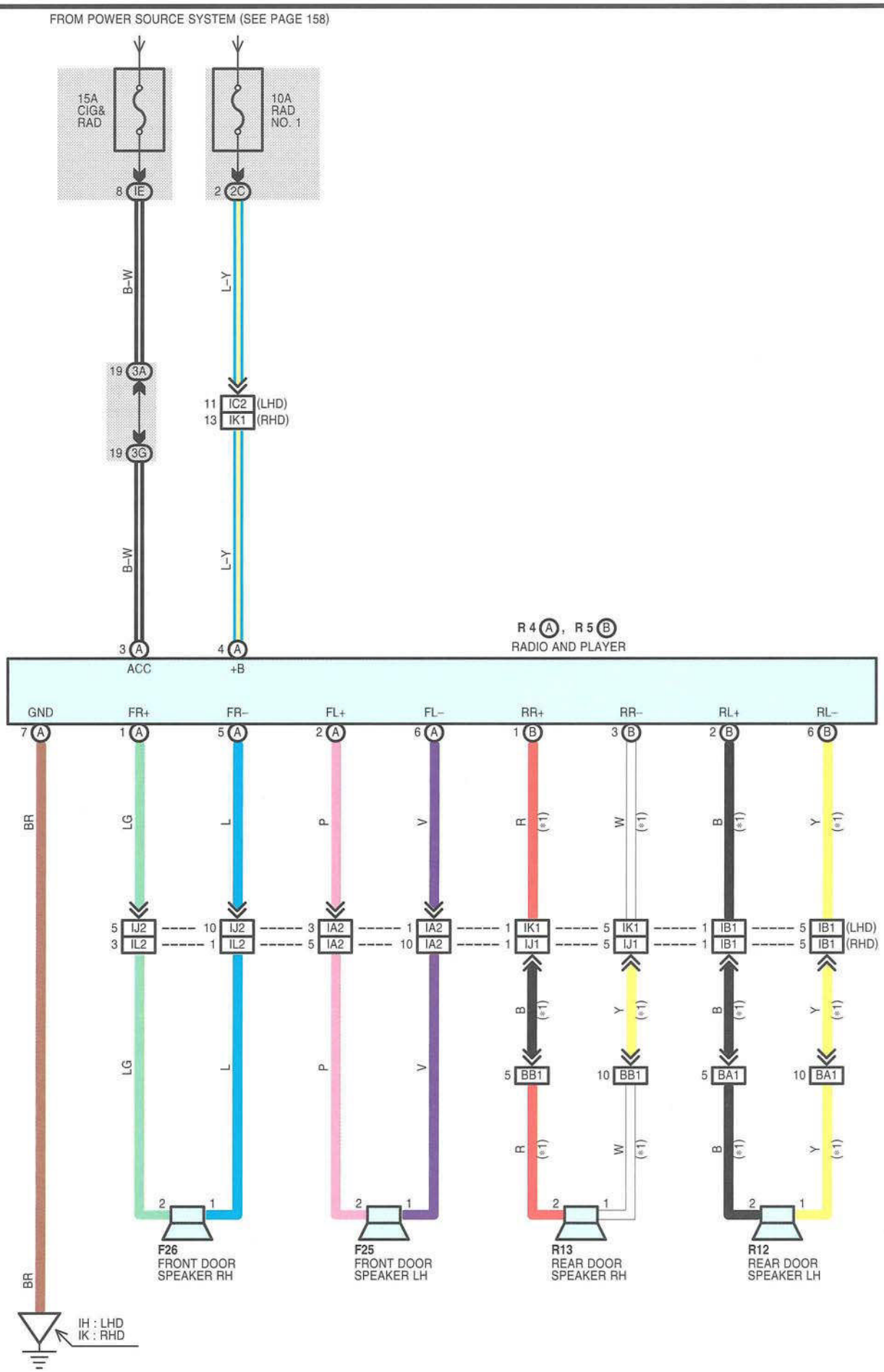


W4



RADIO AND PLAYER

* 1 : W/ 4 SPEAKER



SERVICE HINTS

R4 (A) RADIO AND PLAYER

(A) 4–GROUND : Always approx. **12** volts
(A) 3–GROUND : Approx. **12** votls with the ignition SW at **ACC** or **ON** position
(A) 7–GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code		See Page	Code	See Page
F25	80 (LHD S/D)	F26		100 (RHD L/B)	R12	100 (RHD L/B)
	82 (LHD L/B)			102 (RHD W/G)		102 (RHD W/G)
	84 (LHD W/G)	R4	A	78 (LHD)	R13	80 (LHD S/D)
	98 (RHD S/D)			96 (RHD)		82 (LHD L/B)
	100 (RHD L/B)	R5	B	78 (LHD)		84 (LHD W/G)
	102 (RHD W/G)			96 (RHD)		98 (RHD S/D)
F26	80 (LHD S/D)	R12		80 (LHD S/D)		100 (RHD L/B)
	82 (LHD L/B)			82 (LHD L/B)		102 (RHD W/G)
	84 (LHD W/G)			84 (LHD W/G)		
	98 (RHD S/D)			98 (RHD S/D)		

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IE	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

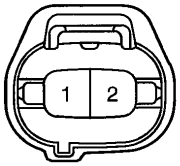
□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
	132 (RHD)	
IB1	114 (LHD)	Instrument Panel Wire and Floor Wire (Left Kick Panel)
	132 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IJ1	134 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IJ2	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IK1	116 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL2	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	118 (LHD S/D)	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	
BB1	118 (LHD S/D)	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
	120 (LHD L/B)	
	122 (LHD W/G)	
	136 (RHD S/D)	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
	138 (RHD L/B)	
	140 (RHD W/G)	

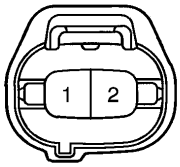
▽ : **GROUND POINTS**

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
IK	132 (RHD)	Right Kick Panel

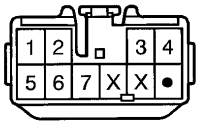
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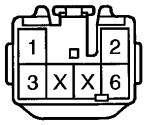
F26 BLACK



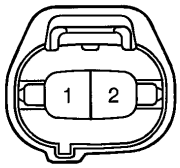
R4 (A)



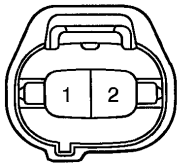
R5 (B)



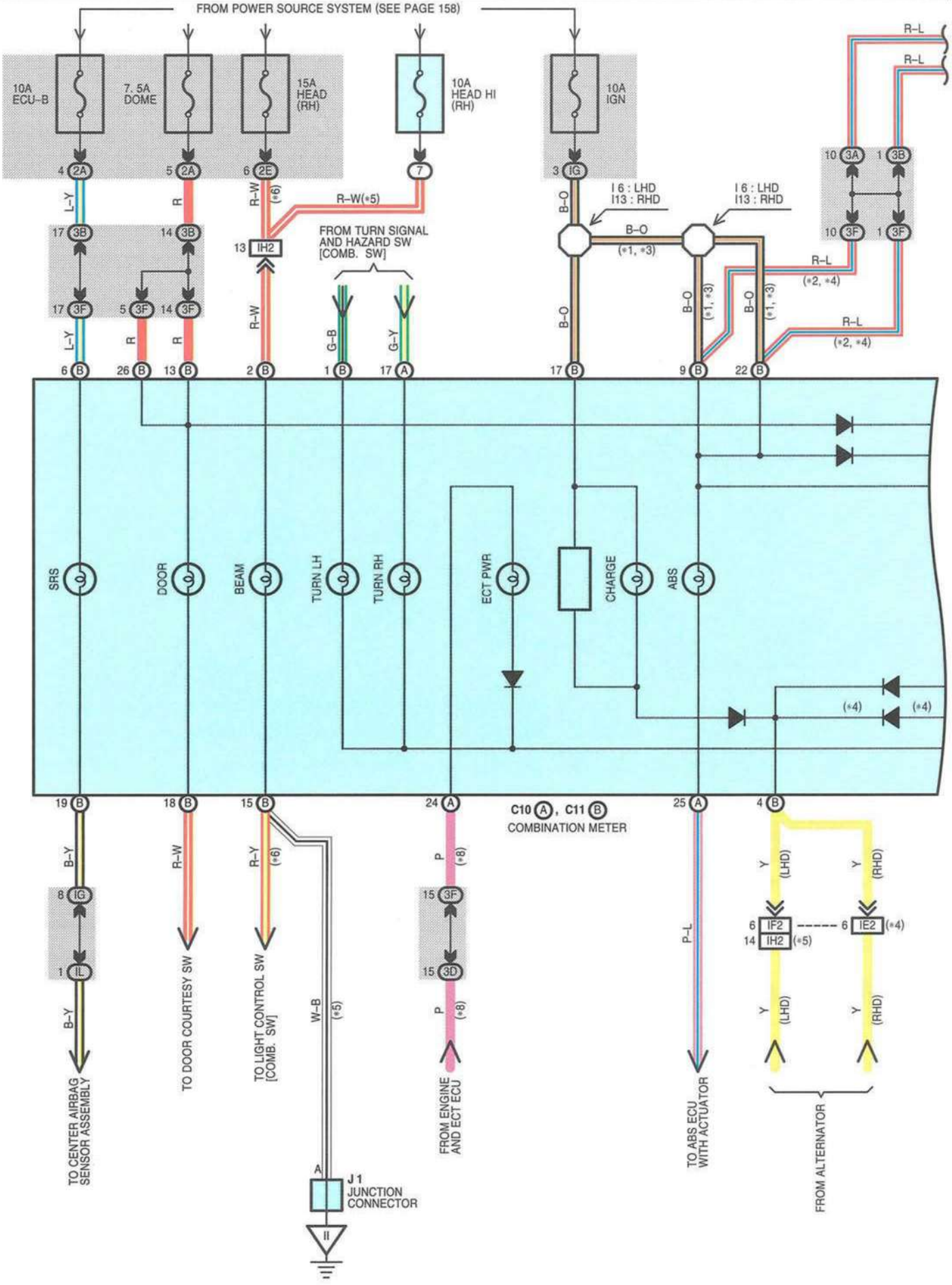
R12 BLACK



R13 BLACK

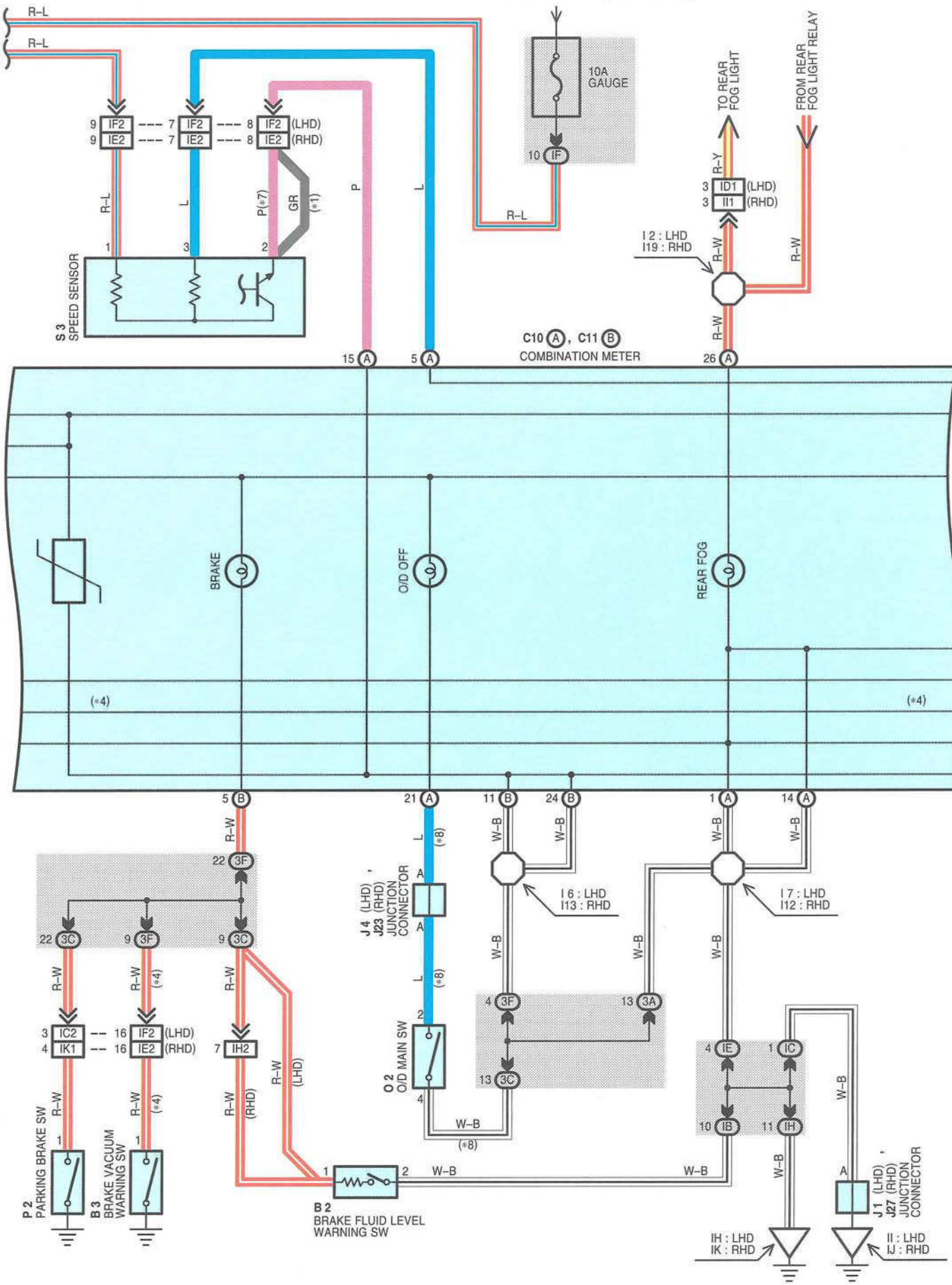


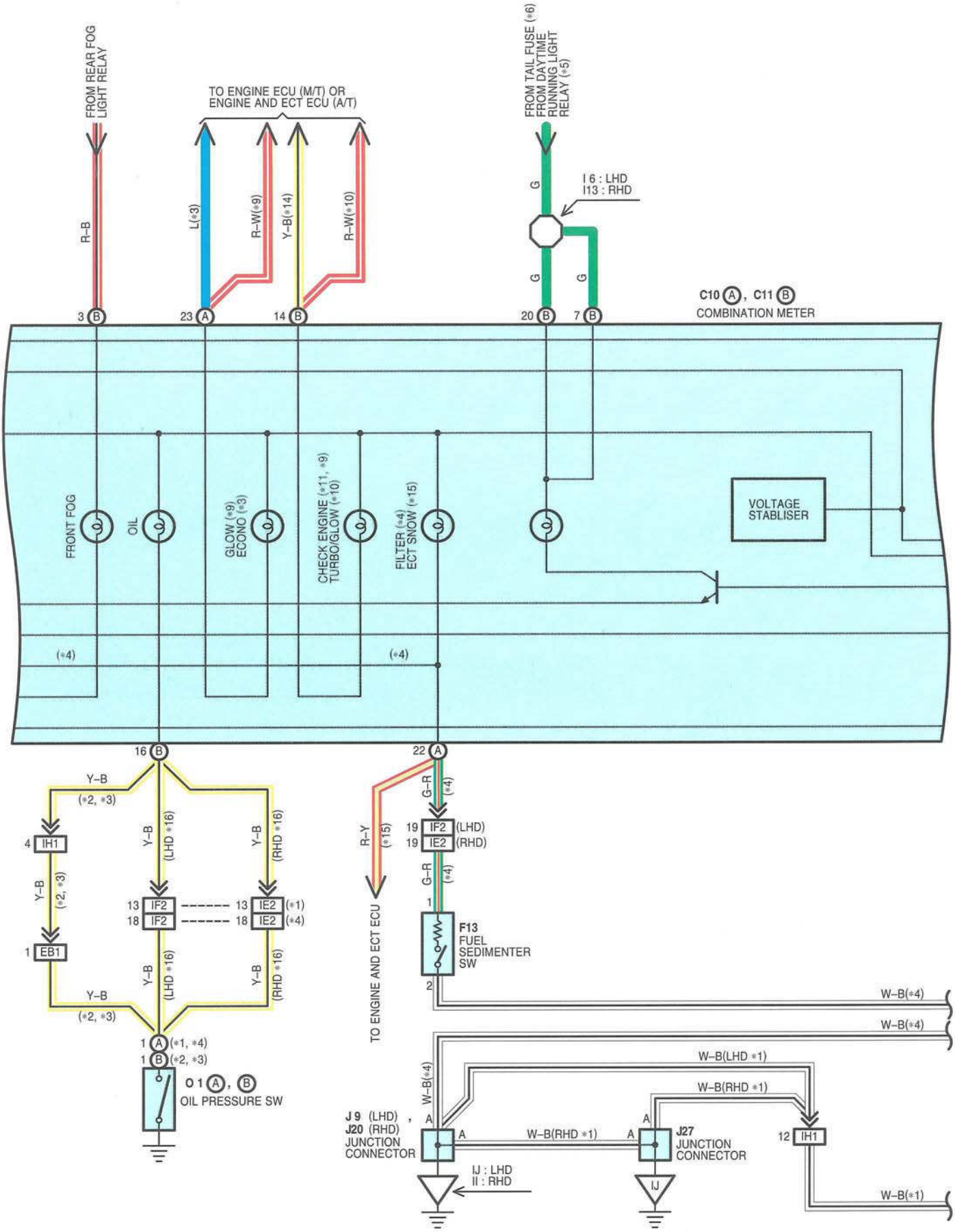
COMBINATION METER

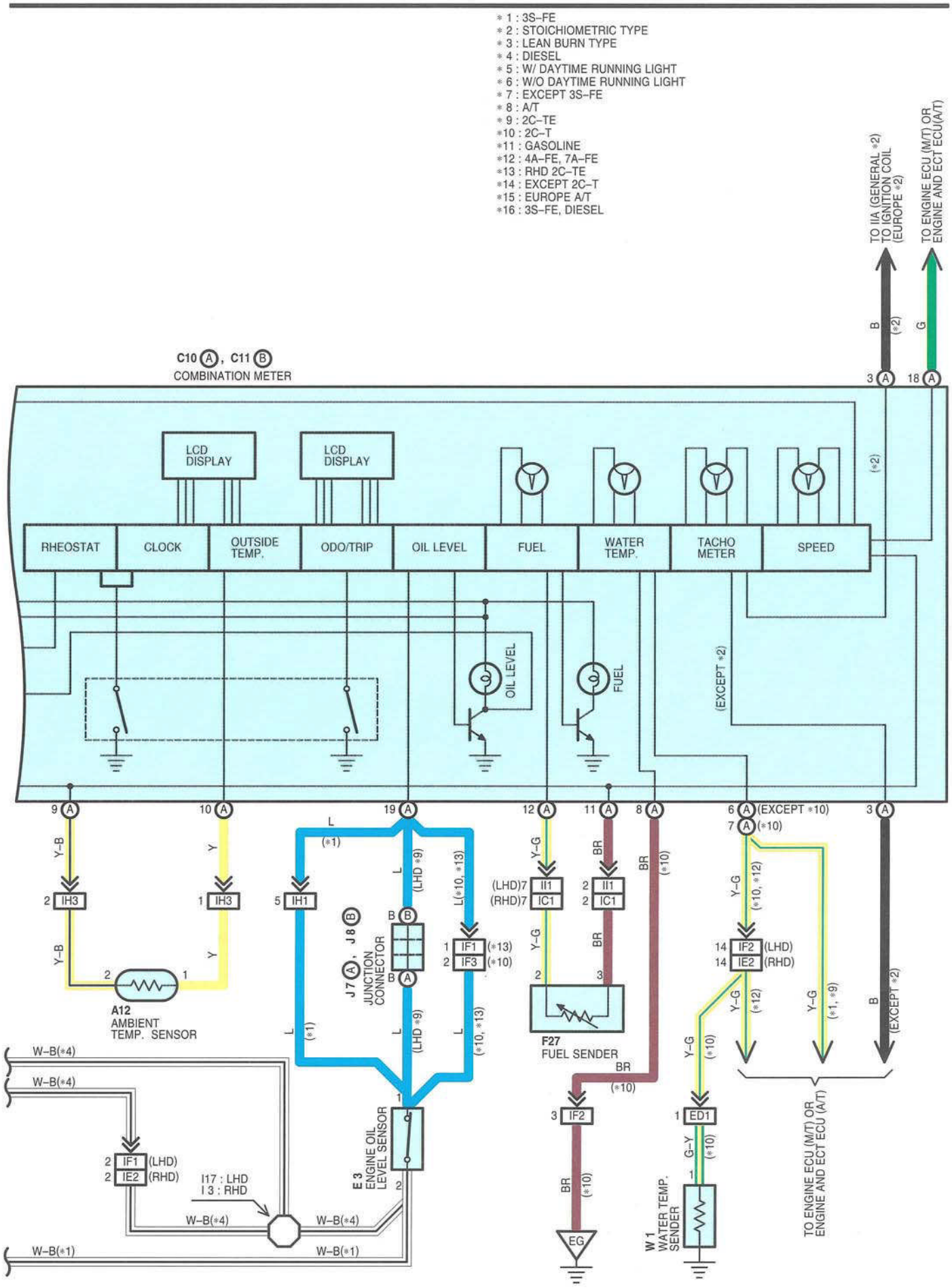


* 1 : 3S–FE
* 2 : STOICHIOMETRIC TYPE
* 3 : LEAN BURN TYPE
* 4 : DIESEL
* 5 : W/ DAYTIME RUNNING LIGHT
* 6 : W/O DAYTIME RUNNING LIGHT
* 7 : EXCEPT 3S–FE
* 8 : A/T

FROM POWER SOURCE SYSTEM (SEE PAGE 158)




FROM REAR FOG LIGHT RELAY
TO ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
FROM TAIL FUSE (*6)
FROM DAYTIME RUNNING LIGHT RELAY (*5)
I 6 : LHD
I13 : RHD
R-B
L(*3)
R-W(*9)
Y-B(*14)
R-W(*10)
G
G
G
3 B
23 A
14 B
20 B
7 B
C10 A, C11 B
COMBINATION METER
FRONT FOG
OIL
GLOW (*9) ECONO (*3)
CHECK ENGINE (*11, *9) TURBO/GLOW (*10)
FILTER (*4) ECT SNOW (*15)
VOLTAGE STABLISER
(*4)
(*4)
16 B
22 A
Y-B
(*2, *3)
4 IH1
Y-B
(*2, *3)
1 EB1
Y-B
(LHD *16)
Y-B
(RHD *16)
13 IF2
18 IF2
13 IE2 (*1)
18 IE2 (*4)
Y-B
(LHD *16)
Y-B
(RHD *16)
Y-B
(*2, *3)
1 A (*1, *4)
1 B (*2, *3)
O 1 A, B
OIL PRESSURE SW
R-Y
(*15)
G-R
(*4)
19 IF2 (LHD)
19 IE2 (RHD)
G-R
(*4)
1
F13
FUEL SEDIMENTER SW
2
TO ENGINE AND ECT ECU
W-B(*4)
W-B(*4)
W-B(LHD *1)
W-B(RHD *1)
W-B(*4)
J 9 (LHD), J20 (RHD) JUNCTION CONNECTOR
A
A
W-B(RHD *1)
A
A
J27 JUNCTION CONNECTOR
12 IH1
IJ : LHD
II : RHD
IJ
W-B(*1)


* 1 : 3S-FE
* 2 : STOICHIOMETRIC TYPE
* 3 : LEAN BURN TYPE
* 4 : DIESEL
* 5 : W/ DAYTIME RUNNING LIGHT
* 6 : W/O DAYTIME RUNNING LIGHT
* 7 : EXCEPT 3S-FE
* 8 : A/T
* 9 : 2C-TE
*10 : 2C-T
*11 : GASOLINE
*12 : 4A-FE, 7A-FE
*13 : RHD 2C-TE
*14 : EXCEPT 2C-T
*15 : EUROPE A/T
*16 : 3S-FE, DIESEL
TO IIA (GENERAL *2)
TO IGNITION COIL (EUROPE *2)
TO ENGINE ECU (M/T) OR ENGINE AND ECT ECU(A/T)
C10 A , C11 B
COMBINATION METER
LCD DISPLAY
LCD DISPLAY
RHEOSTAT
CLOCK
OUTSIDE TEMP.
ODO/TRIP
OIL LEVEL
FUEL
WATER TEMP.
TACHO METER
SPEED
OIL LEVEL
FUEL
(EXCEPT *2)
A12
AMBIENT TEMP. SENSOR
J7 A , J8 B
JUNCTION CONNECTOR
F27
FUEL SENDER
E3
ENGINE OIL LEVEL SENSOR
W1
WATER TEMP. SENDER
I17 : LHD
I3 : RHD
EG
TO ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)

COMBINATION METER

SERVICE HINTS

B2 BRAKE FLUID LEVEL WARNING SW

1–2 : Closed with the float down

C10 (A), C11 (B) COMBINATION METER

(A) 1, (A) 14, (B) 11, (B) 24–GROUND : Always continuity
(B) 9, (B) 17, (B) 22–GROUND : Approx. **12** volts with the ignition SW at **ON** position
(B) 6, (B) 13, (B) 26–GROUND : Always approx. **12** volts

F27 FUEL SENDER

2–3 : Approx. **3** Ω at fuel full
Approx. **110** Ω at fuel empty

O1 (A), (B) OIL PRESSURE SW

1–GROUND : Opened with the oil pressure above approx. **20** kpa (**2.9** psi, **0.2** kgf/cm^2)

P2 PARKING BRAKE SW

1–GROUND : Closed with the parking brake lever pulled up

W1 WATER TEMP. SENDER (2C–T)

1–GROUND : Approx. **160–240** Ω (**50**°C, **122**°F)
Approx. **20.5–24.6** Ω (**120**°C, **288**°F)

○ : PARTS LOCATION

Code		See Page
A12		66 (LHD 3S–FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C–TE)
B2		66 (LHD 3S–FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C–TE)
B3		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		92 (RHD 2C–TE)
C10	A	76 (LHD)
		94 (RHD)
C11	B	76 (LHD)

Code		See Page
C11	B	94 (RHD)
E3		66 (LHD 3S–FE)
		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)
		92 (RHD 2C–TE)
F13		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		92 (RHD 2C–TE)
F27		100 (RHD L/B)
		102 (RHD W/G)
		80 (LHD S/D)
		82 (LHD L/B)
		84 (LHD W/G)
		98 (RHD S/D)
J1		78 (LHD)
J4		78 (LHD)
J7	A	78 (LHD)
J8	B	78 (LHD)
J9		78 (LHD)
J20		96 (RHD)
J23		96 (RHD)
J27		96 (RHD)
O1	A	66 (LHD 3S–FE)

Code		See Page
O1	A	72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)
		92 (RHD 2C–TE)
	B	68 (LHD *A)
		70 (LHD *B)
		88 (RHD *A)
		90 (RHD *B)
O2		78 (LHD)
		96 (RHD)
P2		78 (LHD)
		96 (RHD)
S3		66 (LHD 3S–FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)
		88 (RHD *A)
		90 (RHD *B)
		92 (RHD 2C–TE)
W1		74 (LHD 2C–T)

⬭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
7	54	R/B No.7 (Radiator Upper Support RH)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IG		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IL		
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2E	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3F	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EB1	106 (LHD *A)	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)
	108 (LHD *B)	
	126 (RHD *A)	
	128 (RHD *B)	
ED1	112 (LHD 2C-T)	Engine No.4 Wire and Engine Wire (Near the Starter)
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
	132 (RHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF1	132 (RHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)
IF2	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF3		
IH1	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	
IH2	116 (LHD)	
	134 (RHD)	
IH3	116 (LHD)	
	134 (RHD)	
II1	116 (LHD)	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	Floor Wire and Cowl Wire (Right Kick Panel)
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)

COMBINATION METER

▽ : GROUND POINTS

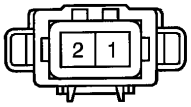
Code	See Page	Ground Points Location
EG	112 (LHD 2C-T)	Near the Starter
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	Left Kick Panel
	132 (RHD)	Left Kick Panel
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	Right Kick Panel
IK	132 (RHD)	Right Kick Panel

⬡ : SPLICE POINTS

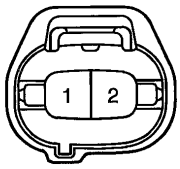
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	116 (LHD)	Cowl Wire	I12	134 (RHD)	Cowl Wire
I3	134 (RHD)	Engine Wire	I13		
I6	116 (LHD)	Cowl Wire	I17	116 (LHD)	Engine Wire
I7			I19	134 (RHD)	Cowl Wire

* 1 : 7A-FE, 4A-FE

A12 BLACK



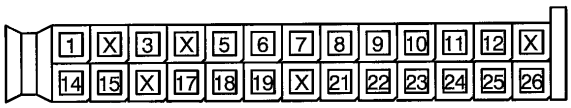
B2 BLACK



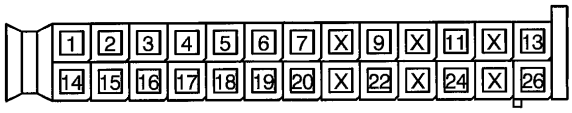
B3 BLACK



C10 (A) BLACK



C11 (B) GREEN



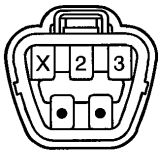
E3 GRAY



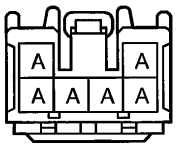
F13 GRAY



F27 DARK GRAY

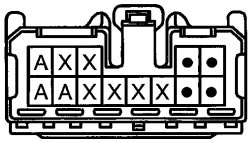


J1



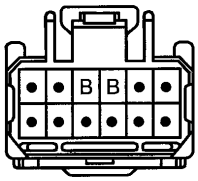
(Hint : See Page 7, 23, 39)

J4 BLUE



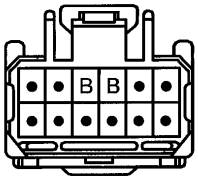
(Hint : See Page 7, 23, 39)

J7 (A) BLUE



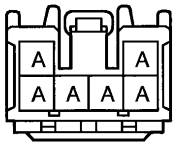
(Hint : See Page 7, 23, 39)

J8 (B) BLUE



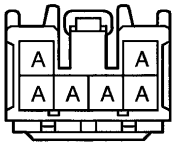
(Hint : See Page 7, 23, 39)

J9



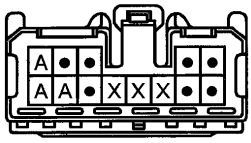
(Hint : See Page 7, 23, 39)

J20



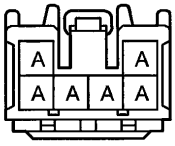
(Hint : See Page 7, 23, 39)

J23 BLUE



(Hint : See Page 7, 23, 39)

J27



(Hint : See Page 7, 23, 39)

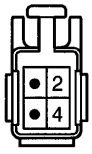
(3S-FE, Diesel) O1 (A) GRAY



(* 1) O1 (B) BLACK



O2



P2 BLACK



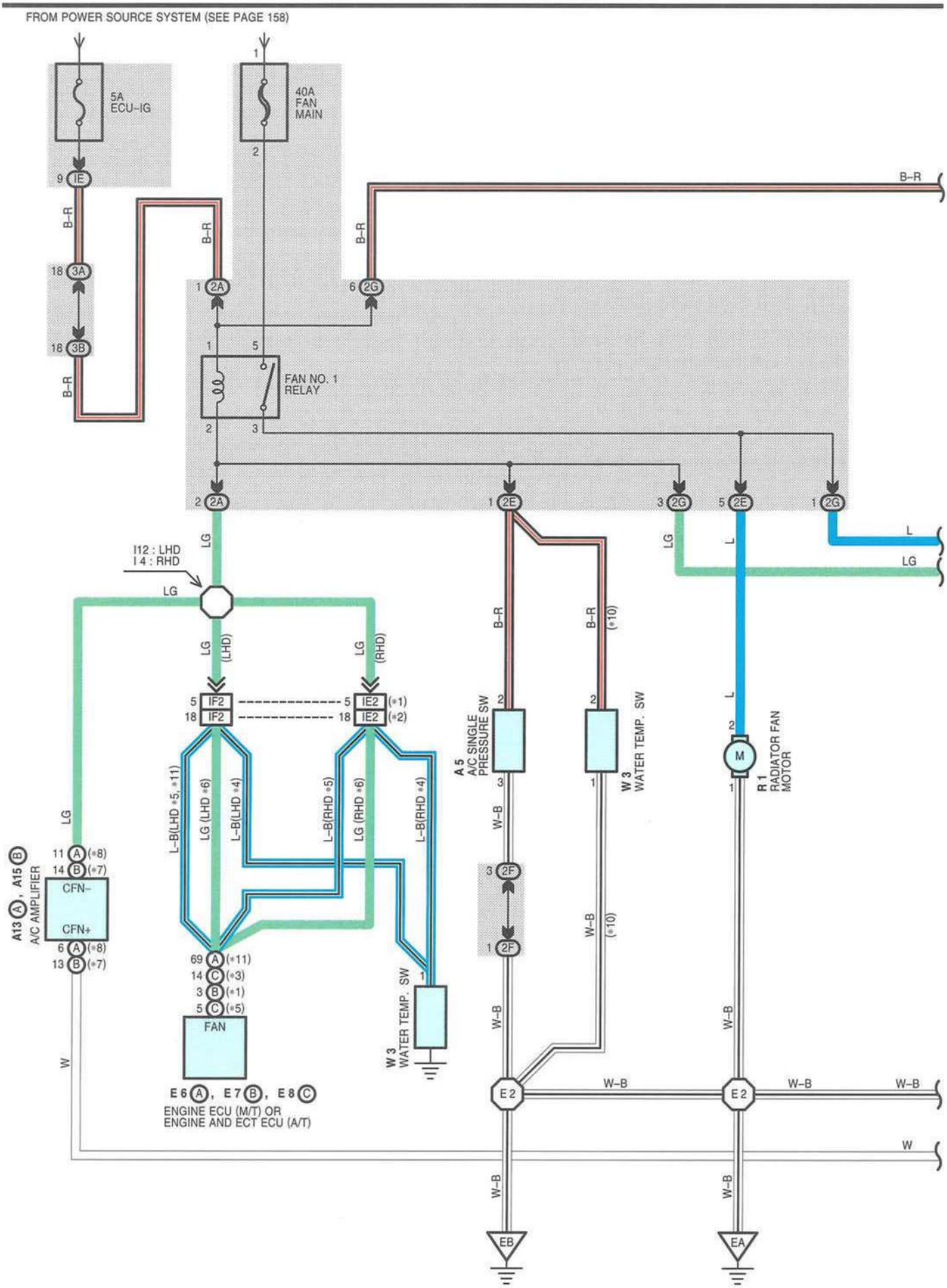
S3 BLACK



W1 GRAY

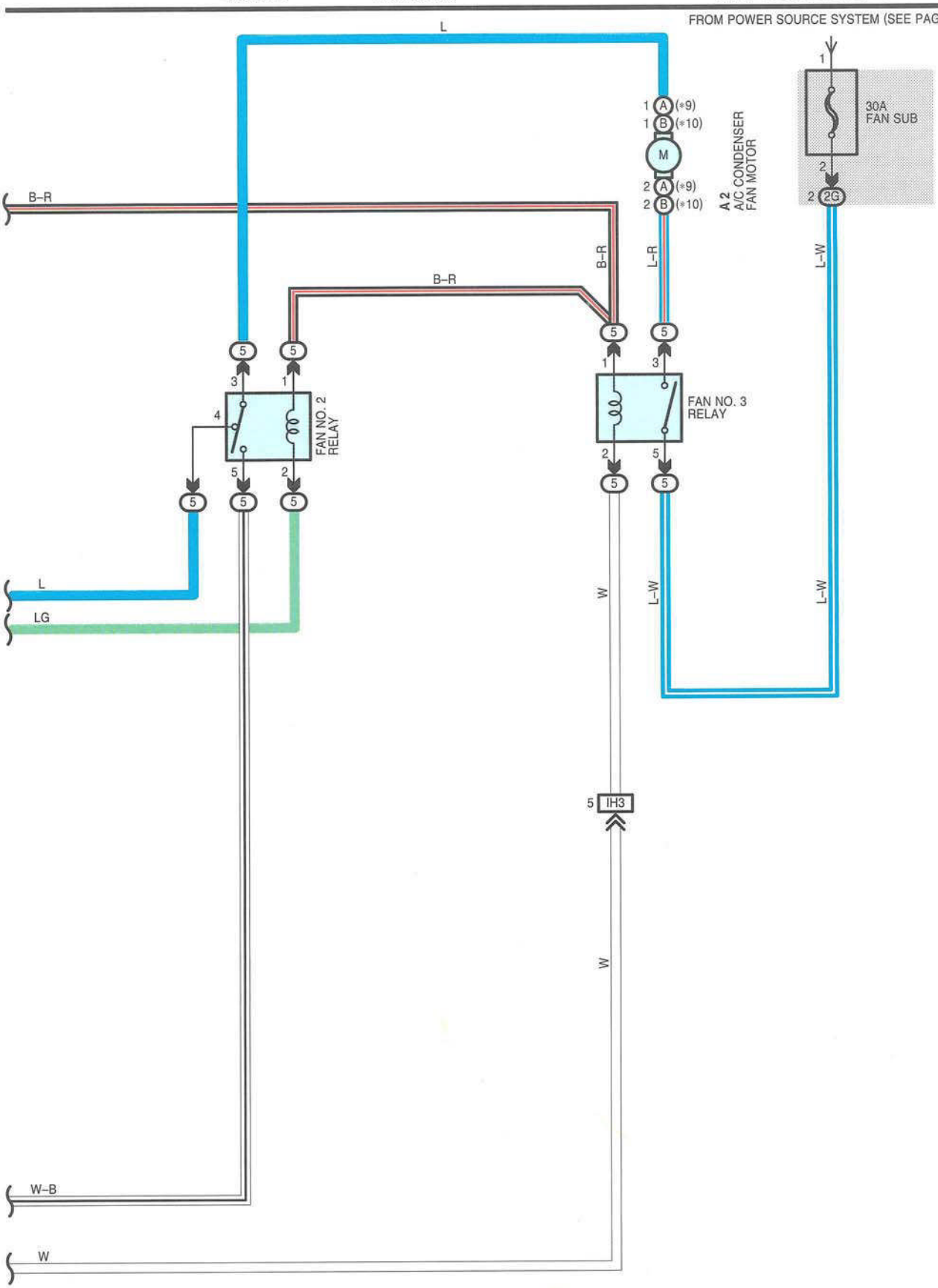


RADIATOR FAN AND CONDENSER FAN



* 1 : 2C-TE
* 2 : EXCEPT 2C-TE
* 3 : 3S-FE
* 4 : 4A-FE GENERAL STOICHIOMETRIC TYPE
* 5 : 7A-FE, 4A-FE LEAN BURN TYPE
* 6 : *1, *3
* 7 : AUTO A/C
* 8 : MANUAL A/C
* 9 : GASOLINE
*10 : DIESEL
*11 : 4A-FE EUROPE STOICHIOMETRIC TYPE

FROM POWER SOURCE SYSTEM (SEE PAGE 158)



RADIATOR FAN AND CONDENSER FAN

: PARTS LOCATION

Code	See Page	Code		See Page	Code	See Page
A2	66 (LHD 3S-FE)	A5		86 (RHD 3S-FE)	R1	68 (LHD *A)
	68 (LHD *A)			88 (RHD *A)		70 (LHD *B)
	70 (LHD *B)			90 (RHD *B)		72 (LHD 2C-TE)
	72 (LHD 2C-TE)			92 (RHD 2C-TE)		74 (LHD 2C-T)
	74 (LHD 2C-T)	A13	A	76 (LHD)		86 (RHD 3S-FE)
	86 (RHD 3S-FE)			94 (RHD)		88 (RHD *A)
	88 (RHD *A)	A15	B	76 (LHD)		90 (RHD *B)
	90 (RHD *B)			94 (RHD)		92 (RHD 2C-TE)
	92 (RHD 2C-TE)	E6	A	76 (LHD)	W3	70 (LHD *B)
A5	66 (LHD 3S-FE)	E7	B	76 (LHD)		72 (LHD 2C-TE)
	68 (LHD *A)			94 (RHD)		74 (LHD 2C-T)
	70 (LHD *B)	E8	C	76 (LHD)		90 (RHD *B)
	72 (LHD 2C-TE)			94 (RHD)		92 (RHD 2C-TE)
	74 (LHD 2C-T)	R1		66 (LHD 3S-FE)		

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
5	54	Engine Room R/B (Engine Compartment Left)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IE	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2E	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2F		
2G		
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE2	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	114 (LHD)	
IH3	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	

▽ : GROUND POINTS

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
	124 (RHD 3S-FE)	
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	

○ : SPLICE POINTS

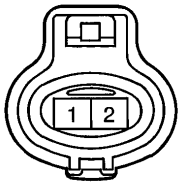
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	E2	126 (RHD *A)	Engine Room Main Wire
	106 (LHD *A)			128 (RHD *B)	
	108 (LHD *B)			130 (RHD 2C-TE)	
	110 (LHD 2C-TE)		I4	134 (RHD)	Cowl Wire
	112 (LHD 2C-T)		I12	116 (LHD)	
	124 (RHD 3S-FE)				

RADIATOR FAN AND CONDENSER FAN

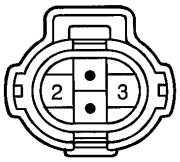
(Gasoline) A2 BLACK



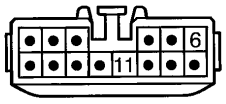
(Diesel) A2 GRAY



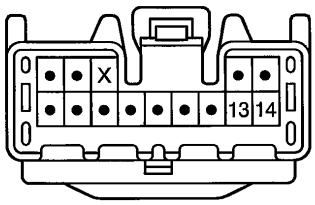
A5 DARK GRAY



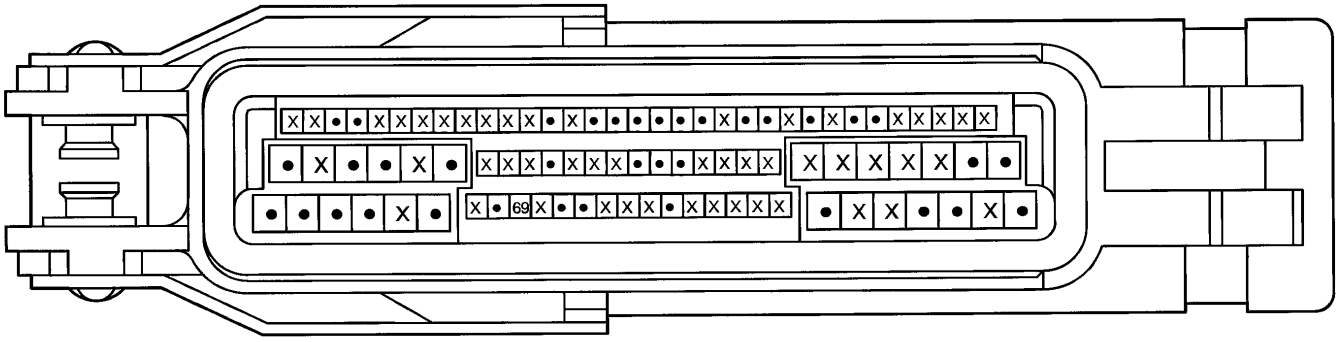
A13 (A) BLACK



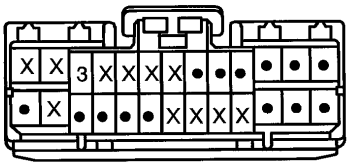
A15 (B) ORANGE



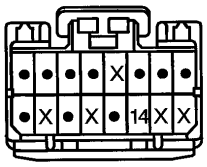
E6 (A) BLACK



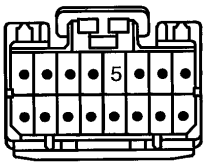
(2C-TE) E7 (B)



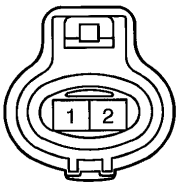
(3S-FE) E8 (C)



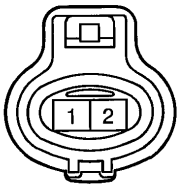
(Lean Burn Type) E8 (C)



(Gasoline) R1 BLACK



(Diesel) R1 GRAY



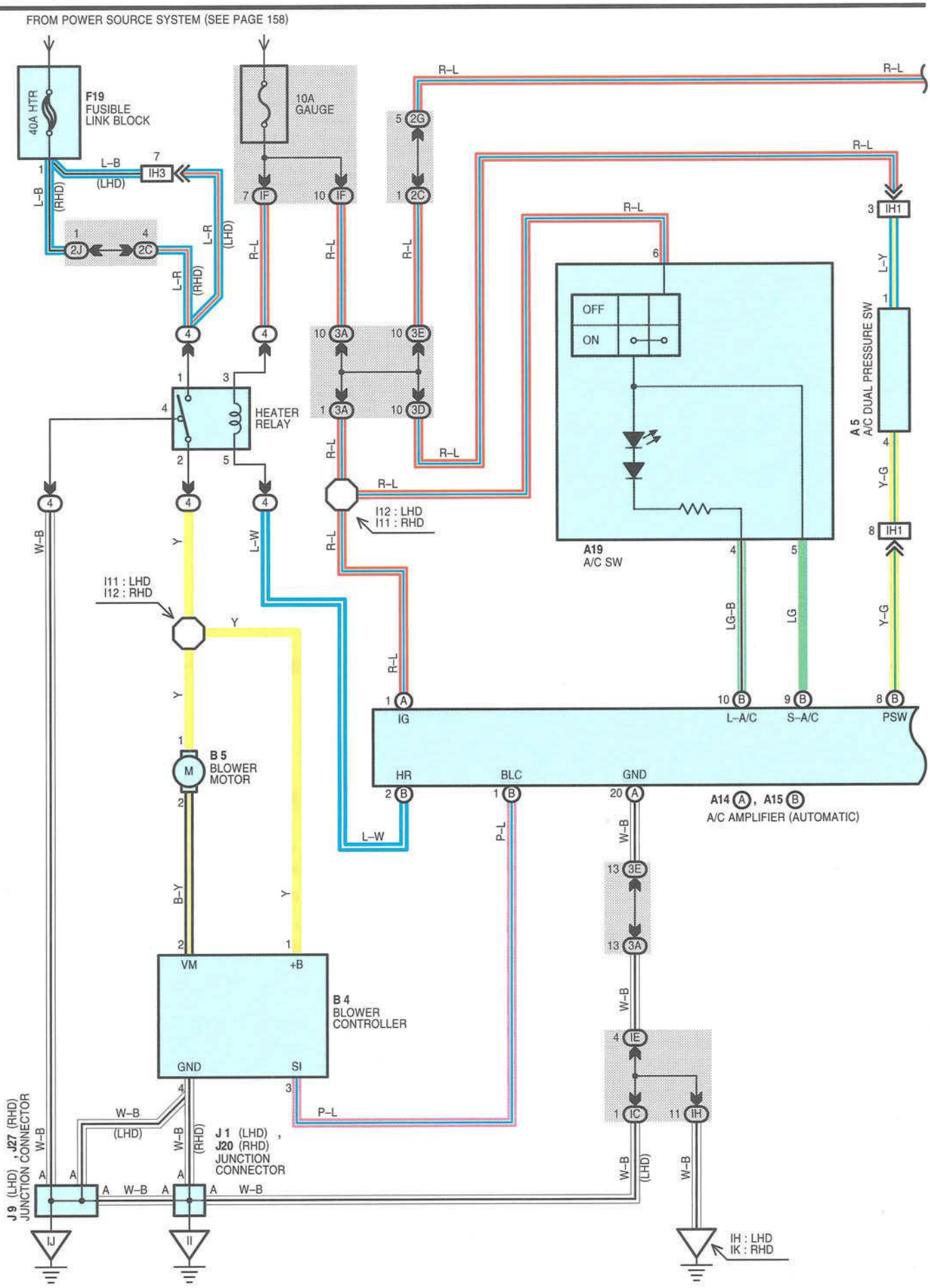
(Gasoline) W3 GRAY

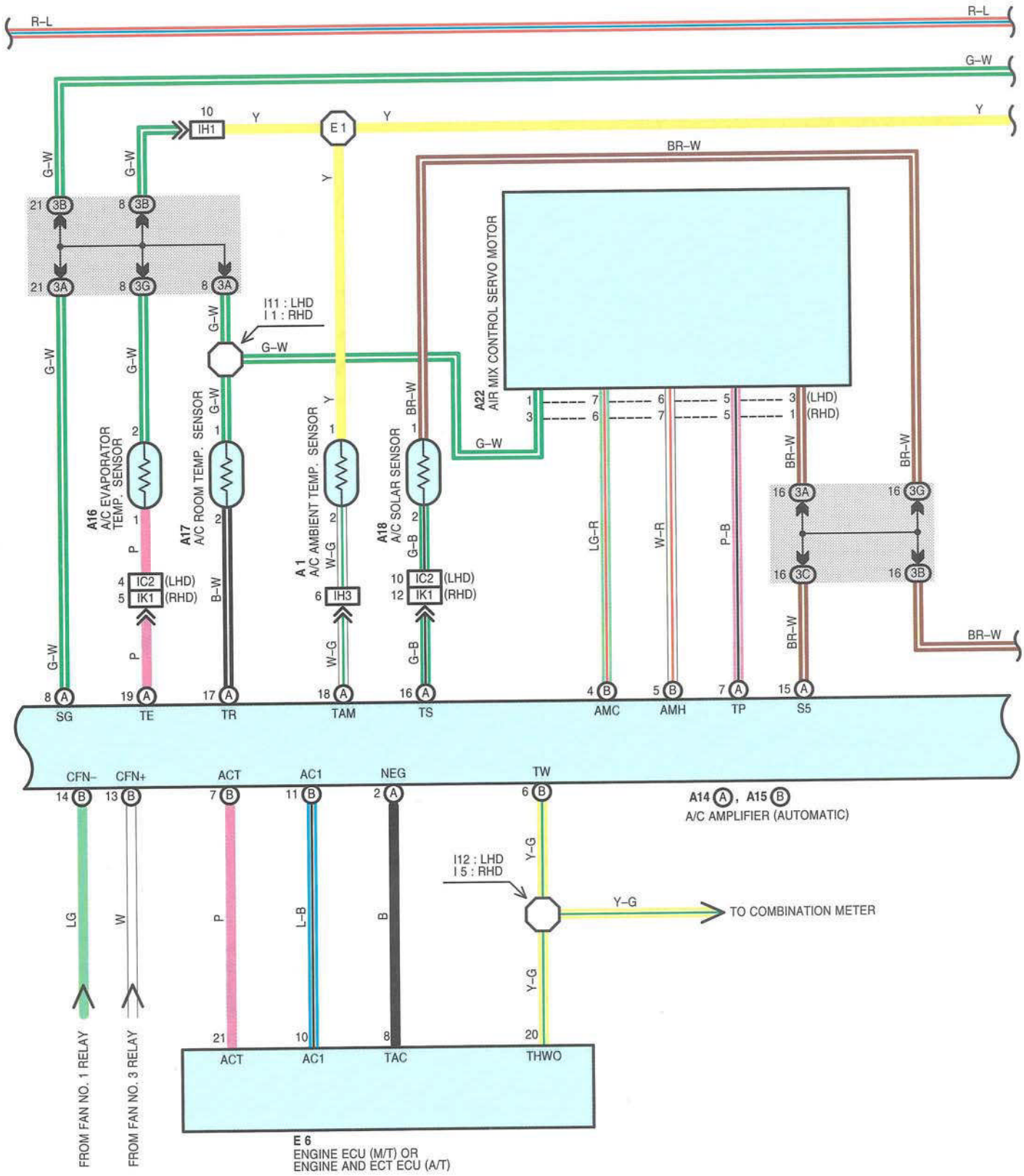


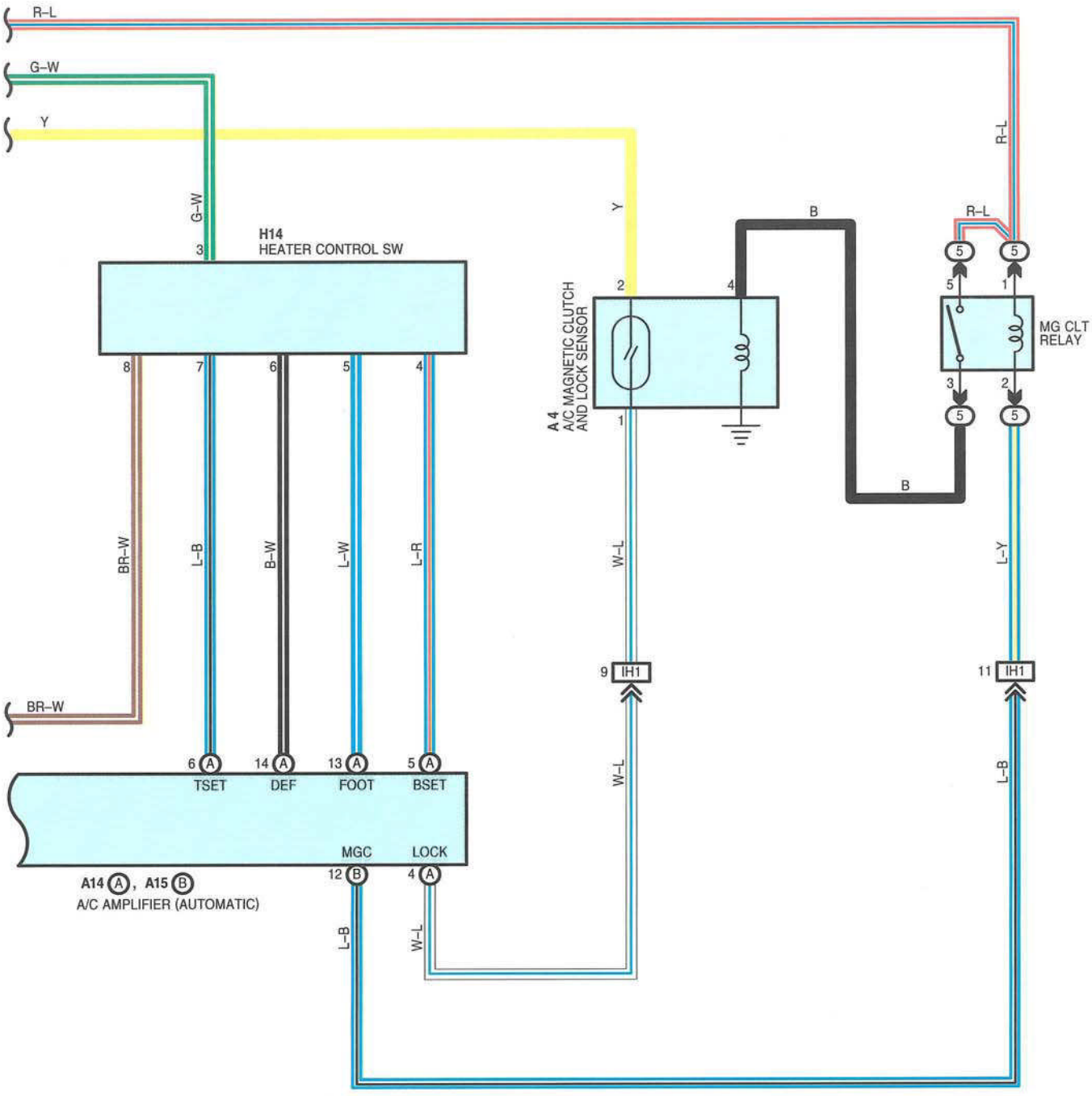
(Diesel) W3



AUTOMATIC AIR CONDITIONER




R-L
G-W
Y
BR-W
10 IH1
E 1
21 3B
8 3B
21 3A
8 3G
8 3A
I11 : LHD
I 1 : RHD
A22 AIR MIX CONTROL SERVO MOTOR
1 7 6 5 3 (LHD)
3 6 7 5 1 (RHD)
A16 A/C EVAPORATOR TEMP. SENSOR
A17 A/C ROOM TEMP. SENSOR
A 1 A/C AMBIENT TEMP. SENSOR
A18 A/C SOLAR SENSOR
4 IC2 (LHD)
5 IK1 (RHD)
6 IH3
10 IC2 (LHD)
12 IK1 (RHD)
16 3A
16 3G
16 3C
16 3B
8 A SG
19 A TE
17 A TR
18 A TAM
16 A TS
4 B AMC
5 B AMH
7 A TP
15 A S5
CFN- CFN+ ACT AC1 NEG TW
14 B
13 B
7 B
11 B
2 A
6 B
A14 A , A15 B
A/C AMPLIFIER (AUTOMATIC)
I12 : LHD
I 5 : RHD
Y-G
TO COMBINATION METER
LG W P L-B B Y-G
FROM FAN NO. 1 RELAY
FROM FAN NO. 3 RELAY
21 ACT
10 AC1
8 TAC
20 THWO
E 6
ENGINE ECU (M/T) OR
ENGINE AND ECT ECU (A/T)


R–L
G–W
Y
G–W
3
H14
HEATER CONTROL SW
8
7
6
5
4
BR–W
L–B
B–W
L–W
L–R
BR–W
6 A
14 A
13 A
5 A
TSET
DEF
FOOT
BSET
MGC
LOCK
12 B
4 A
A14 A , A15 B
A/C AMPLIFIER (AUTOMATIC)
L–B
W–L
Y
2
4
1
A 4
A/C MAGNETIC CLUTCH
AND LOCK SENSOR
B
B
R–L
5
5
5
1
3
2
5
5
MG CLT
RELAY
R–L
9 IH1
W–L
11 IH1
L–Y
L–B

SERVICE HINTS

A14 (A), A15 (B) A/C AMPLIFIER (AUTOMATIC)

IG–GROUND : Approx. **12** volts with the ignition SW at **ON** position

GND–GROUND : Always continuity

○ : PARTS LOCATION

Code		See Page	Code	See Page	Code	See Page
A1		66 (LHD 3S-FE)	A17	66 (LHD 3S-FE)	E6	76 (LHD)
		86 (RHD 3S-FE)		94 (RHD)		94 (RHD)
A4		66 (LHD 3S-FE)	A18	76 (LHD)	F19	66 (LHD 3S-FE)
		86 (RHD 3S-FE)		94 (RHD)		86 (RHD 3S-FE)
A5		66 (LHD 3S-FE)	A19	76 (LHD)	H14	78 (LHD)
		86 (RHD 3S-FE)		94 (RHD)		96 (RHD)
A14	A	76 (LHD)	A22	76 (LHD)	J1	78 (LHD)
		94 (RHD)		94 (RHD)	J9	78 (LHD)
A15	B	76 (LHD)	B4	76 (LHD)	J20	96 (RHD)
		94 (RHD)		94 (RHD)	J27	96 (RHD)
A16		76 (LHD)	B5	76 (LHD)		
		94 (RHD)		94 (RHD)		

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	53	R/B No.4 (Passenger Side Dash Panel)
5	54	Engine Room R/B (Engine Compartment Left)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2G	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2J	57 (Gasoline)	
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3C	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IH1	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	
IH3	116 (LHD)	
	134 (RHD)	
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)

: GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II	114 (LHD)	
	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	104 (LHD 3S-FE)	Engine Room Main Wire	I11	116 (LHD)	Cowl Wire
	124 (RHD 3S-FE)			134 (RHD)	
I1	134 (RHD)	Cowl Wire	I12	116 (LHD)	
I5				134 (RHD)	

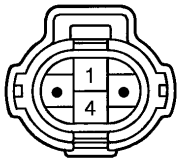
A1 BLACK



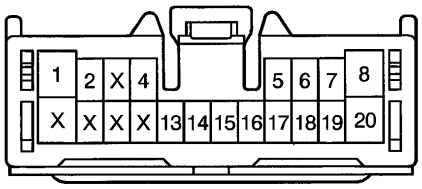
A4 GARY



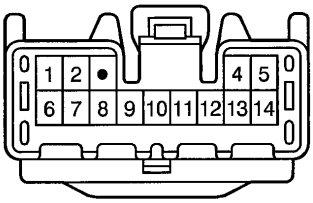
A5 DARK GRAY



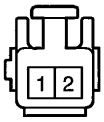
A14 (A) ORANGE



A15 (B) ORANGE



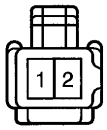
A16



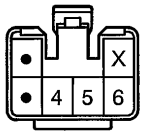
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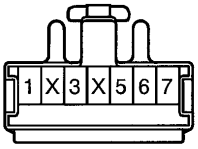
A18 BLACK



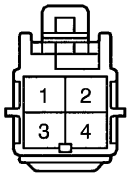
A19 BLACK



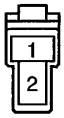
A22 BLACK



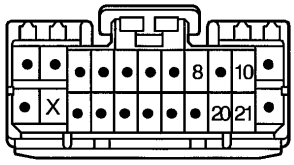
B4



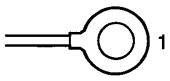
B5 BLACK



E6



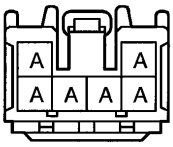
F19



H14

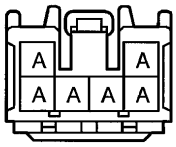


J1



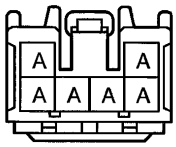
(Hint : See Page 7, 23, 39)

J9



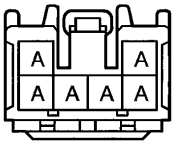
(Hint : See Page 7, 23, 39)

J20

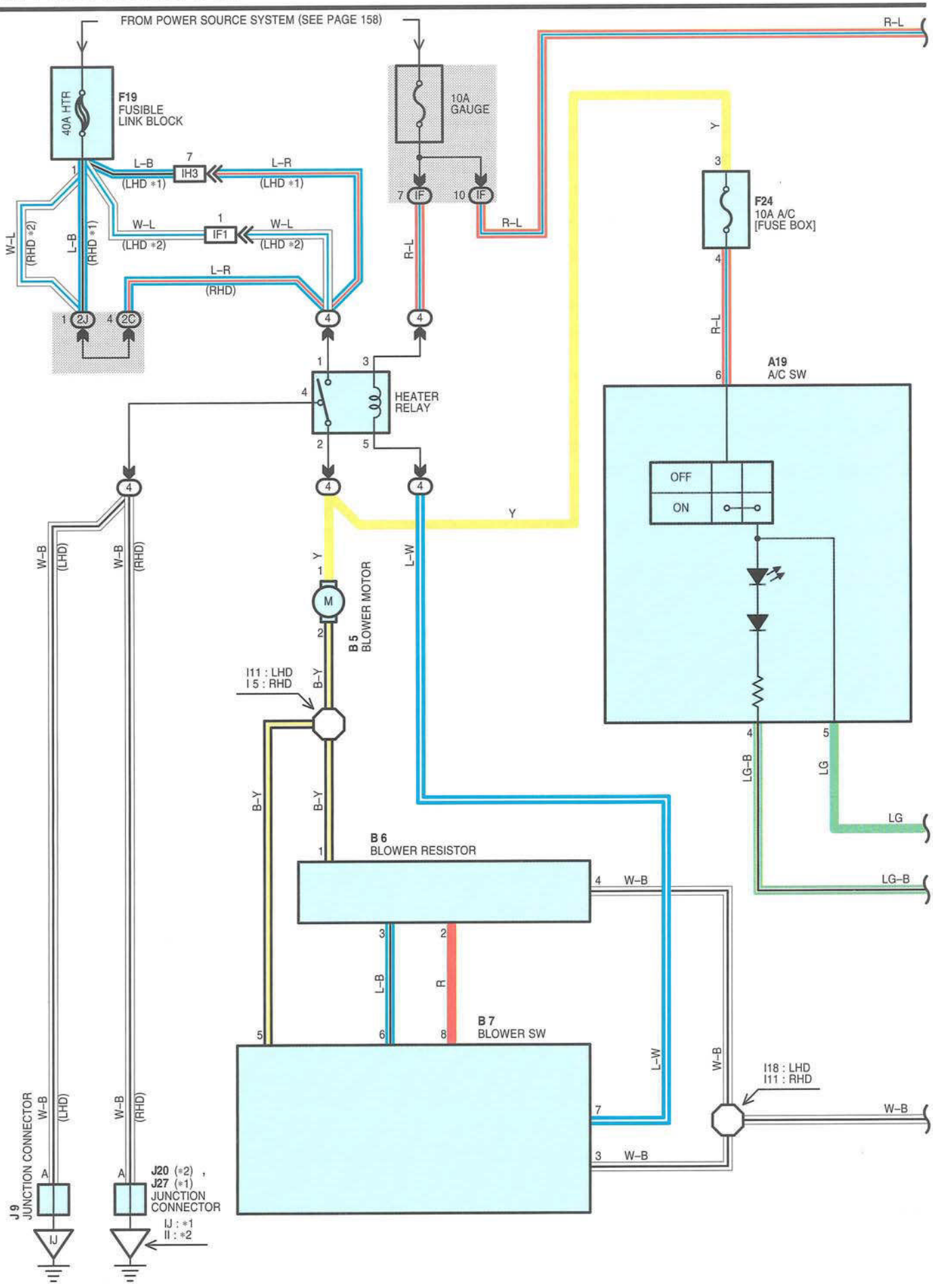


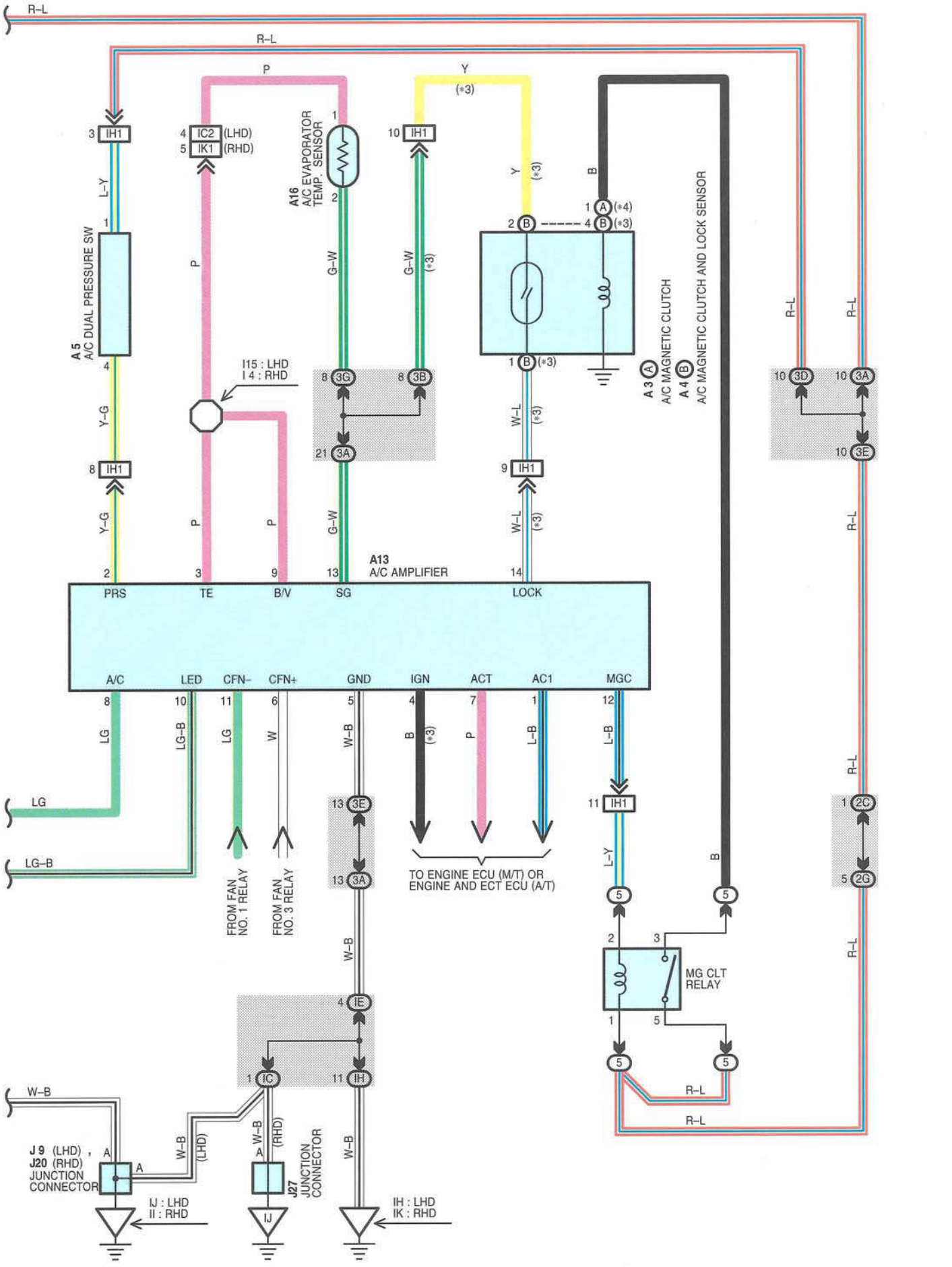
(Hint : See Page 7, 23, 39)

J27



(Hint : See Page 7, 23, 39)


FROM POWER SOURCE SYSTEM (SEE PAGE 158)
40A HTR
F19
FUSIBLE
LINK BLOCK
10A
GAUGE
F24
10A A/C
[FUSE BOX]
A19
A/C SW
OFF
ON
HEATER
RELAY
B5
BLOWER MOTOR
B6
BLOWER RESISTOR
B7
BLOWER SW
IH3
IF1
IF
2J
2C
J9
JUNCTION CONNECTOR
J20 (*2) ,
J27 (*1)
JUNCTION
CONNECTOR
IJ : *1
II : *2
I11 : LHD
I5 : RHD
I18 : LHD
I11 : RHD
L–B
(LHD *1)
L–R
(LHD *1)
W–L
(LHD *2)
W–L
(LHD *2)
W–L
(RHD *2)
L–B
(RHD *1)
L–R
(RHD)
R–L
Y
W–B
(LHD)
W–B
(RHD)
B–Y
L–W
LG–B
LG
R
W–B


R-L
P
Y
(*3)
3 IH1
4 IC2 (LHD)
5 IK1 (RHD)
A16
A/C EVAPORATOR TEMP. SENSOR
10 IH1
L-Y
A5
A/C DUAL PRESSURE SW
Y-G
G-W
B
1 A (*4)
2 B
4 B (*3)
A3 A
A4 B
A/C MAGNETIC CLUTCH
A/C MAGNETIC CLUTCH AND LOCK SENSOR
I15 : LHD
I4 : RHD
8 3G
8 3B
21 3A
1 B (*3)
W-L
9 IH1
10 3D
10 3A
10 3E
A13
A/C AMPLIFIER
2 PRS
3 TE
9 B/V
13 SG
14 LOCK
A/C
LED
CFN-
CFN+
GND
IGN
ACT
AC1
MGC
8
10
11
6
5
4
7
1
12
LG
LG-B
W
W-B
B
L-B
13 3E
13 3A
11 IH1
1 2C
5 2G
FROM FAN NO. 1 RELAY
FROM FAN NO. 3 RELAY
TO ENGINE ECU (M/T) OR ENGINE AND ECT ECU (A/T)
MG CLT RELAY
4 IE
1 IC
11 IH
W-B
J9 (LHD) , J20 (RHD) JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
IJ : LHD
II : RHD
IJ
IH : LHD
IK : RHD

SERVICE HINTS

A13 A/C AMPLIFIER

8–5 : Continuity with the A/C SW on and the ignition SW on
5–GROUND : Always continuity

: PARTS LOCATION

* A : 7A–FE, 4A–FE Lean Burn Type
* B : 4A–FE Stoichiometric Type

Code		See Page
A3	A	68 (LHD *A)
		70 (LHD *B)
		88 (RHD *A)
		90 (RHD *B)
A4	B	66 (LHD 3S–FE)
		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)
		92 (RHD 2C–TE)
A5		66 (LHD 3S–FE)
		68 (LHD *A)
		70 (LHD *B)
		72 (LHD 2C–TE)
		74 (LHD 2C–T)
		86 (RHD 3S–FE)

Code	See Page
A5	88 (RHD *A)
	90 (RHD *B)
	92 (RHD 2C–TE)
A13	76 (LHD)
	94 (RHD)
A16	76 (LHD)
	94 (RHD)
A19	76 (LHD)
	94 (RHD)
B5	76 (LHD)
	94 (RHD)
B6	76 (LHD)
	94 (RHD)
B7	76 (LHD)
	94 (RHD)

Code	See Page
F19	66 (LHD 3S–FE)
	68 (LHD *A)
	70 (LHD *B)
	72 (LHD 2C–TE)
	74 (LHD 2C–T)
	86 (RHD 3S–FE)
	88 (RHD *A)
	90 (RHD *B)
	92 (RHD 2C–TE)
F24	78 (LHD)
	96 (RHD)
J9	78 (LHD)
J20	96 (RHD)
J27	96 (RHD)

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
4	53	R/B No.4 (Passenger Side Dash Panel)
5	54	Engine Room R/B (Engine Compartment Left)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IF		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2C	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2G	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2J	57 (Diesel)	Engine Wire and Engine Room J/B (Engine Compartment Left)
	57 (Gasoline)	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3D	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3E	61 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC2	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IF1	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IH1	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
	134 (RHD)	
IH3	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)

: GROUND POINTS

Code	See Page	Ground Points Location
IH	114 (LHD)	Left Kick Panel
II	132 (RHD)	
IJ	114 (LHD)	Right Kick Panel
	132 (RHD)	
IK	132 (RHD)	

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I4	134 (RHD)	Cowl Wire	I11	134 (RHD)	Cowl Wire
I5			I15	116 (LHD)	
I11	116 (LHD)		I18	116 (LHD)	Engine Room Main Wire

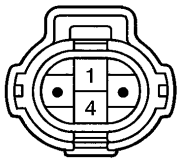
A3 (A) GRAY



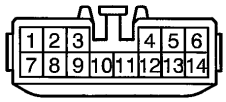
A4 (B) GRAY



A5 DARK GRAY



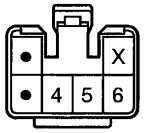
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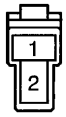
A16



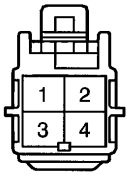
A19 BLACK



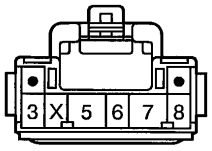
B5 BLACK



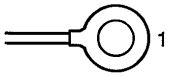
B6 BLACK



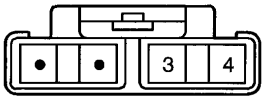
B7



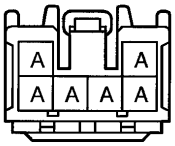
F19



F24

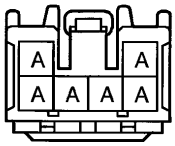


J9



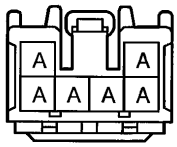
(Hint : See Page 7, 23, 39)

J20



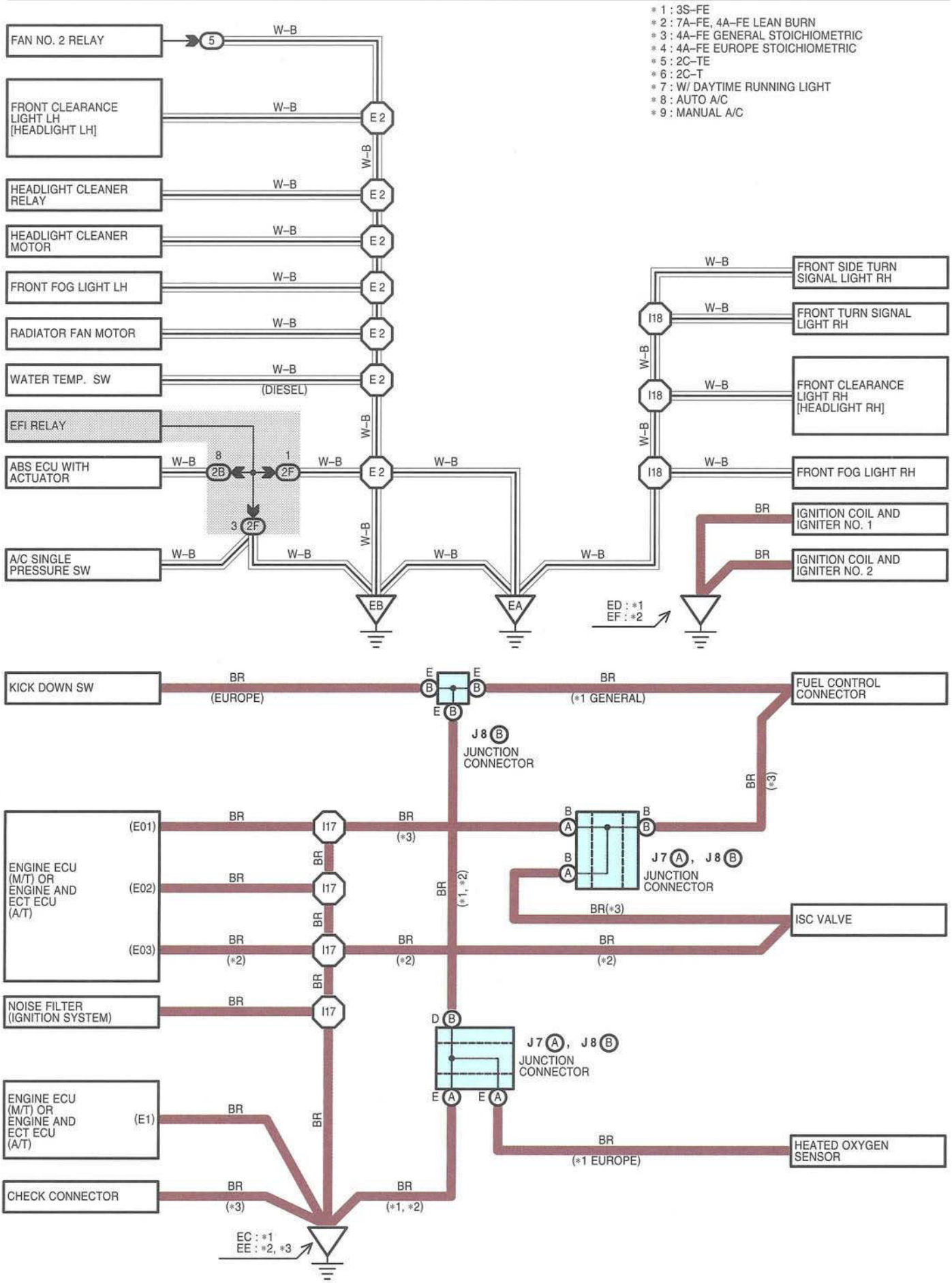
(Hint : See Page 7, 23, 39)

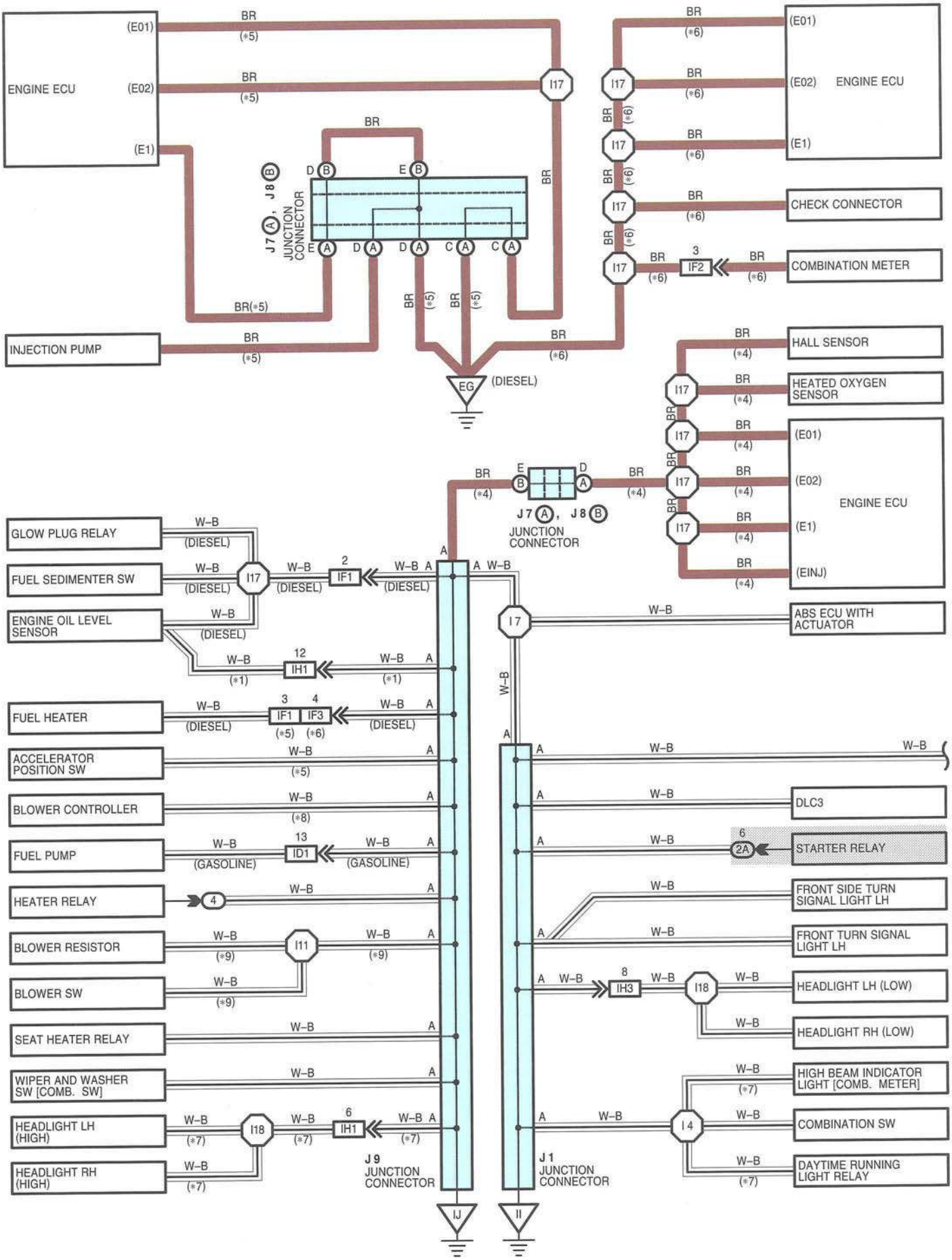
J27



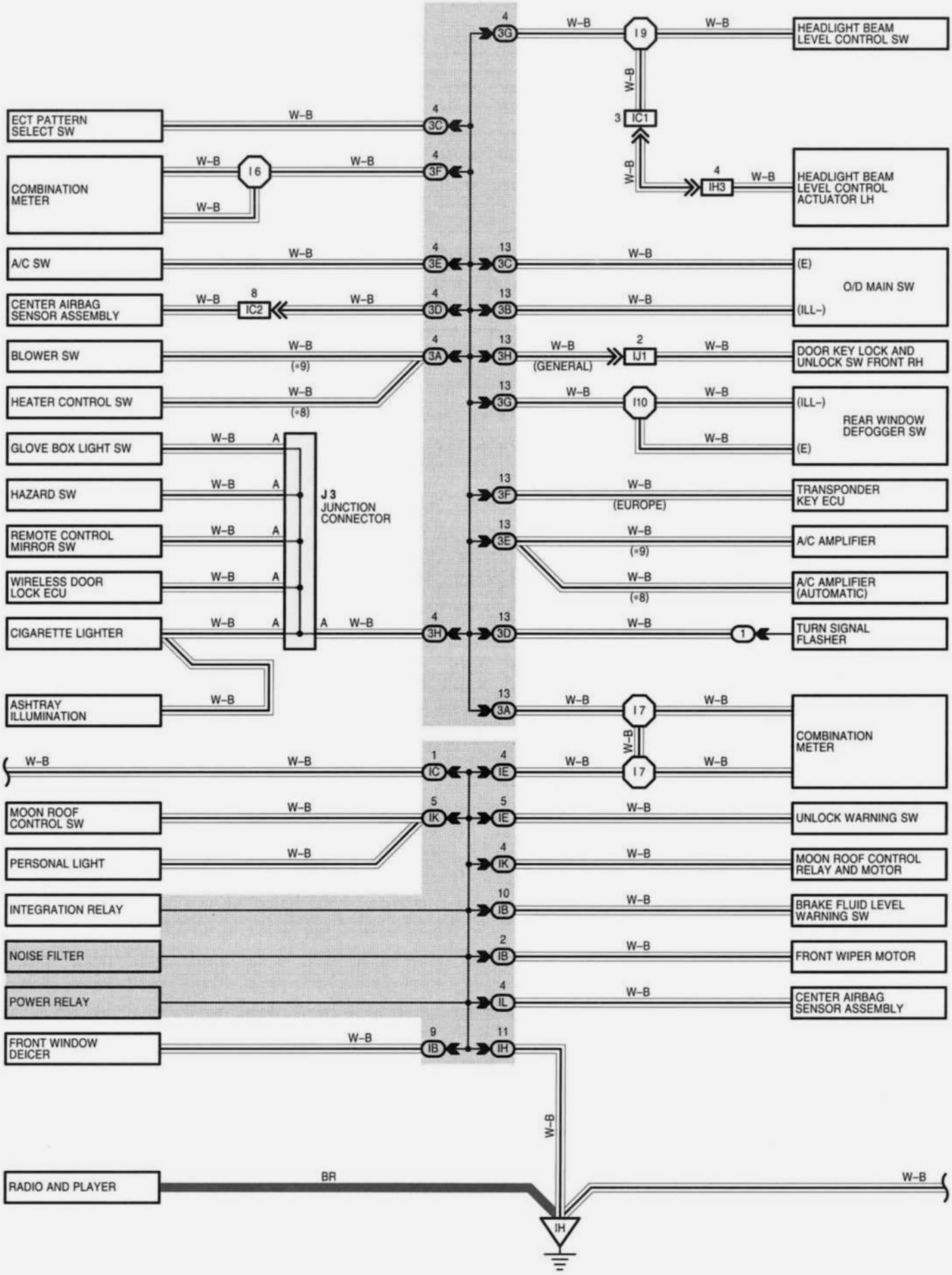
(Hint : See Page 7, 23, 39)

J GROUND POINT (LHD)

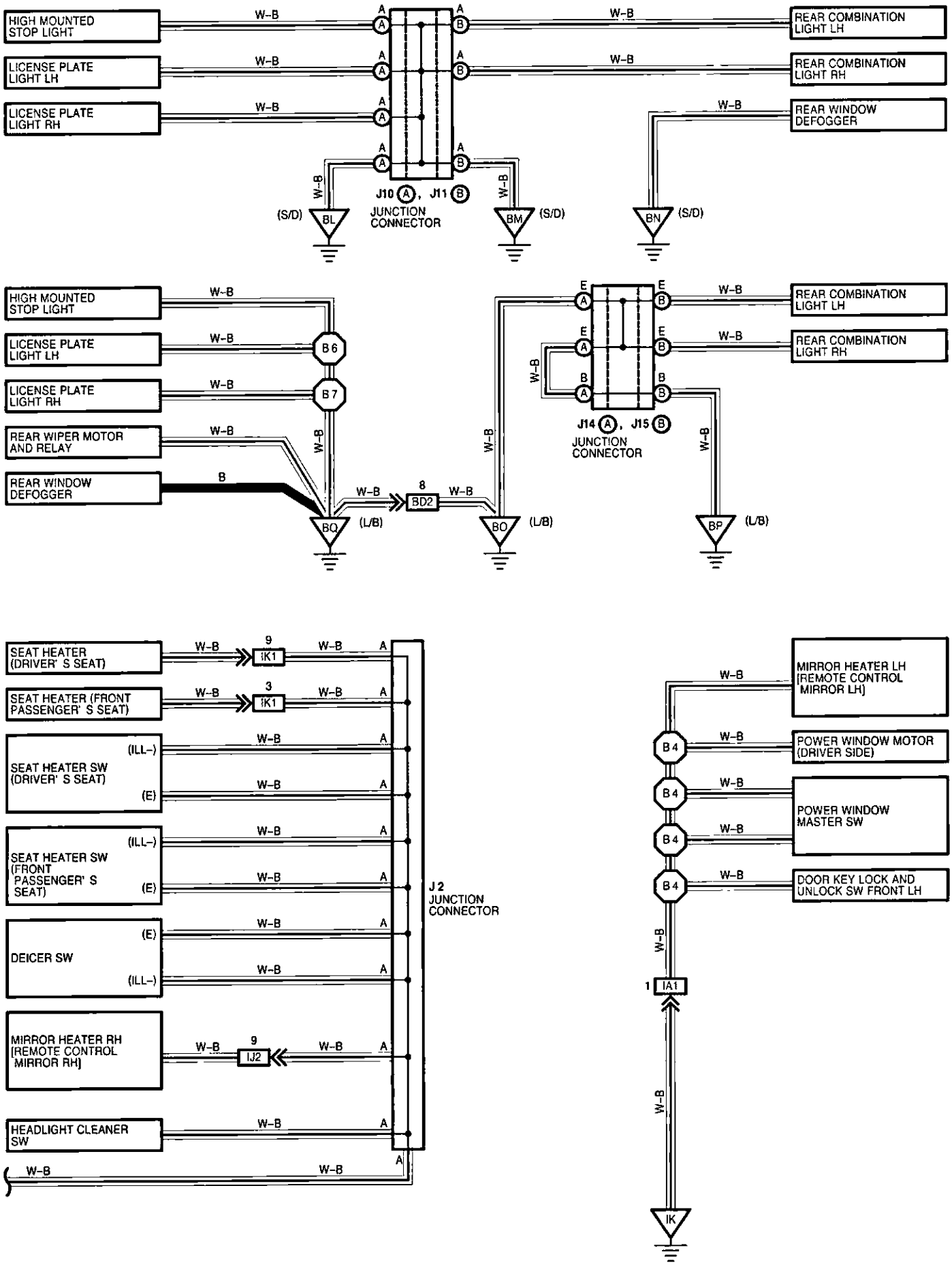



ENGINE ECU
(E01)
(E02)
(E1)
BR
(*5)
I17
BR(*5)
INJECTION PUMP
J7 A, J8 B
JUNCTION CONNECTOR
EG
(DIESEL)
(*6)
ENGINE ECU
CHECK CONNECTOR
COMBINATION METER
IF2
HALL SENSOR
HEATED OXYGEN SENSOR
(*4)
(EINJ)
J7 A, J8 B
JUNCTION CONNECTOR
GLOW PLUG RELAY
FUEL SEDIMENTER SW
ENGINE OIL LEVEL SENSOR
W-B
(DIESEL)
IF1
IH1
(*1)
FUEL HEATER
IF3
(*5)
(*6)
ACCELERATOR POSITION SW
BLOWER CONTROLLER
(*8)
FUEL PUMP
ID1
(GASOLINE)
HEATER RELAY
BLOWER RESISTOR
I11
(*9)
BLOWER SW
SEAT HEATER RELAY
WIPER AND WASHER SW [COMB. SW]
HEADLIGHT LH (HIGH)
I18
(*7)
HEADLIGHT RH (HIGH)
J9 JUNCTION CONNECTOR
IJ
I7
ABS ECU WITH ACTUATOR
DLC3
STARTER RELAY
2A
FRONT SIDE TURN SIGNAL LIGHT LH
FRONT TURN SIGNAL LIGHT LH
IH3
HEADLIGHT LH (LOW)
HEADLIGHT RH (LOW)
HIGH BEAM INDICATOR LIGHT [COMB. METER]
I4
COMBINATION SW
DAYTIME RUNNING LIGHT RELAY
J1 JUNCTION CONNECTOR
II

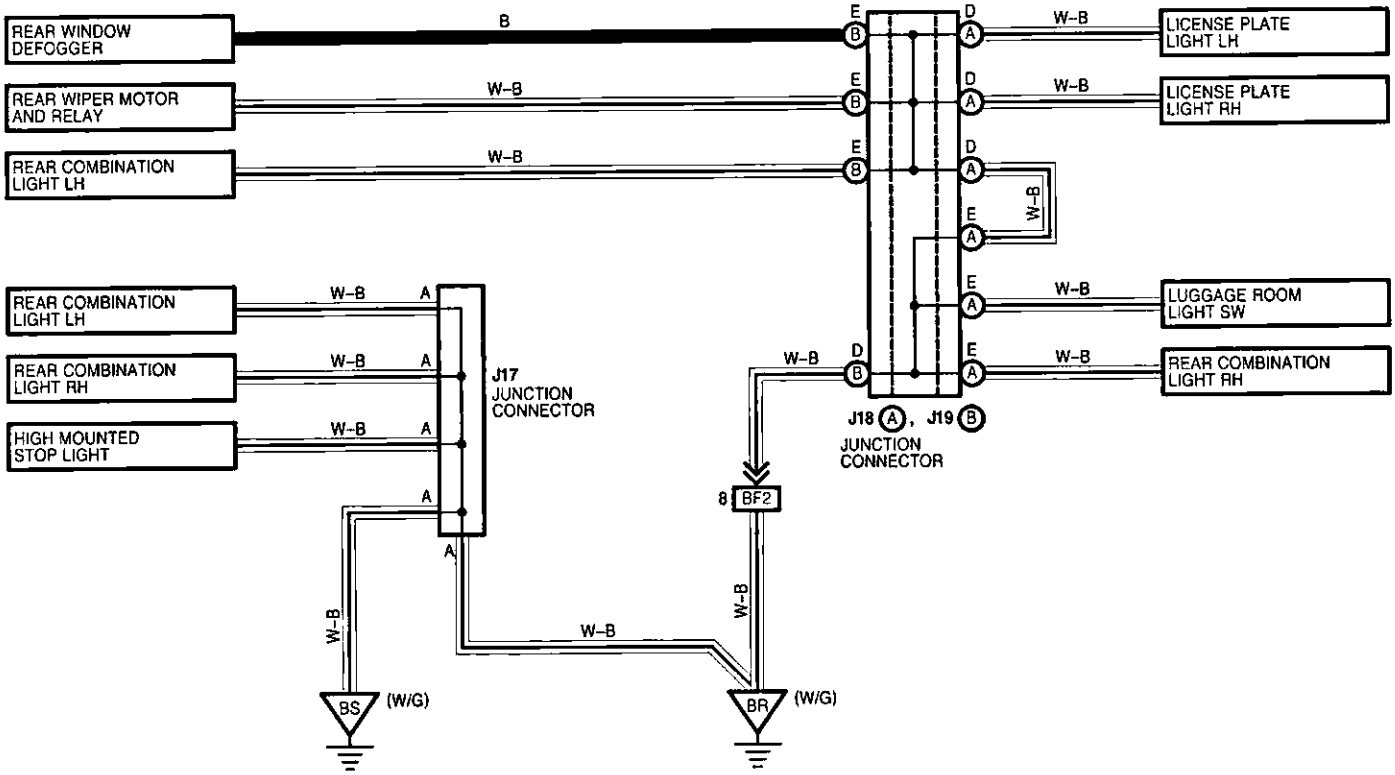
J GROUND POINT (LHD)



• 8 : AUTO A/C
• 9 : MANUAL A/C



J GROUND POINT (LHD)



: PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
J1		78 (LHD)	J9		78 (LHD)	J17		84 (LHD W/G)
J2		78 (LHD)	J10	A	80 (LHD S/D)	J18	A	84 (LHD W/G)
J3		78 (LHD)	J11	B	80 (LHD S/D)	J19	B	84 (LHD W/G)
J7	A	78 (LHD)	J14	A	82 (LHD L/B)			
J8	B	78 (LHD)	J15	B	82 (LHD L/B)			

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	53 (LHD)	Driver Side R/B (Left Kick Panel)
4	53	R/B No.4 (Passenger Side Dash Panel)
5	54	Engine Room R/B (Engine Compartment Left)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (LHD)	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IK	59	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
IL	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (LHD)	Cowl Wire and Center J/B (Left Side of Heater Unit)
3B		
3C		
3D		
3E	61 (LHD)	
3F		
3G	61 (LHD)	Instrument Panel Wire and Center J/B (Left Side of Heater Unit)
3H		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (LHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IC1	114 (LHD)	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IC2		
ID1	114 (LHD)	Floor Wire and Cowl Wire (Left Kick Panel)
IF1	114 (LHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2		
IF3		
IH1	116 (LHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH3		
IJ1	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IJ2		
IK1	116 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
BD2	120 (LHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
BF2	122 (LHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)

J GROUND POINT (LHD)

▽ : **GROUND POINTS**

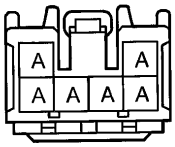
* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

Code	See Page	Ground Points Location
EA	104 (LHD 3S-FE)	Under the Headlight RH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
EB	104 (LHD 3S-FE)	Under the Headlight LH
	106 (LHD *A)	
	108 (LHD *B)	
	110 (LHD 2C-TE)	
	112 (LHD 2C-T)	
EC	104 (LHD 3S-FE)	Behind the Intake Manifold
ED	104 (LHD 3S-FE)	Engine Block Left Side
EE	106 (LHD *A)	Under the Intake Manifold
	108 (LHD *B)	
EF	106 (LHD *A)	Near the throttle Body
EG	110 (LHD 2C-TE)	Near the Starter
	112 (LHD 2C-T)	
IH	114 (LHD)	Left Kick Panel
II		
IJ	114 (LHD)	Right Kick Panel
IK	114 (LHD)	Right Kick Panel
BL	118 (LHD S/D)	Left Quarter Pillar
BM	118 (LHD S/D)	Back Panel Center
BN	118 (LHD S/D)	Right Quarter Pillar
BO	120 (LHD L/B)	Under the Left Quarter Pillar
BP	120 (LHD L/B)	Back Panel Center
BQ	120 (LHD L/B)	Back Door Center
BR	122 (LHD W/G)	Rear Quarter Panel LH
BS	122 (LHD W/G)	Rear Quarter Panel RH

○ : **SPLICE POINTS**

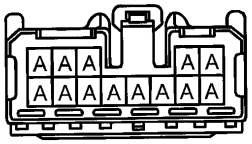
Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	104 (LHD 3S-FE)	Engine Room Main Wire	I10	116 (LHD)	Instrument Panel Wire
	106 (LHD *A)		I11	116 (LHD)	Cowl Wire
	108 (LHD *B)		I17	116 (LHD)	Engine Wire
	110 (LHD 2C-TE)		I18	116 (LHD)	Engine Room Main Wire
	112 (LHD 2C-T)		B4	118 (LHD S/D)	Front Door LH Wire
I4	116 (LHD)	Cowl Wire		120 (LHD L/B)	
I6				122 (LHD W/G)	
I7			B6	120 (LHD L/B)	Back Door No.1 Wire
I9	116 (LHD)	Instrument Panel Wire	B7	122 (LHD W/G)	Roof No.3 Wire

J1



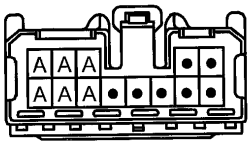
(Hint : See Page 7, 23, 39)

J2 ORANGE



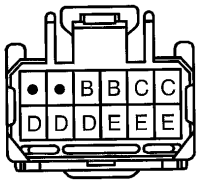
(Hint : See Page 7, 23, 39)

J3 GRAY



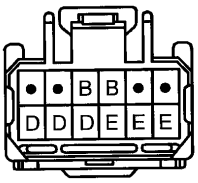
(Hint : See Page 7, 23, 39)

J7 (A) BLACK



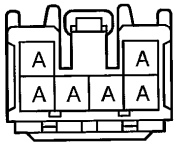
(Hint : See Page 7, 23, 39)

J8 (B) BLACK



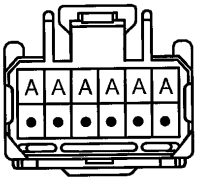
(Hint : See Page 7, 23, 39)

J9



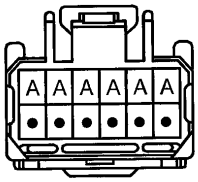
(Hint : See Page 7, 23, 39)

J10 (A) GRAY



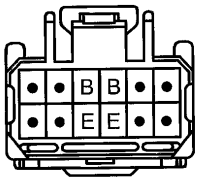
(Hint : See Page 7, 23, 39)

J11 (B) GRAY



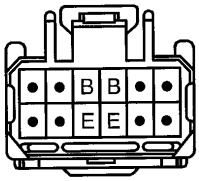
(Hint : See Page 7, 23, 39)

J14 (A)



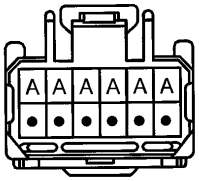
(Hint : See Page 7, 23, 39)

J15 (B)



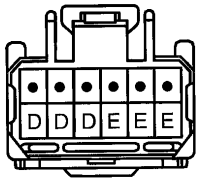
(Hint : See Page 7, 23, 39)

J17 GRAY



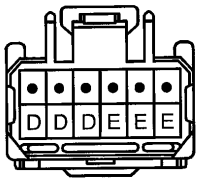
(Hint : See Page 7, 23, 39)

J18 (A) BLACK



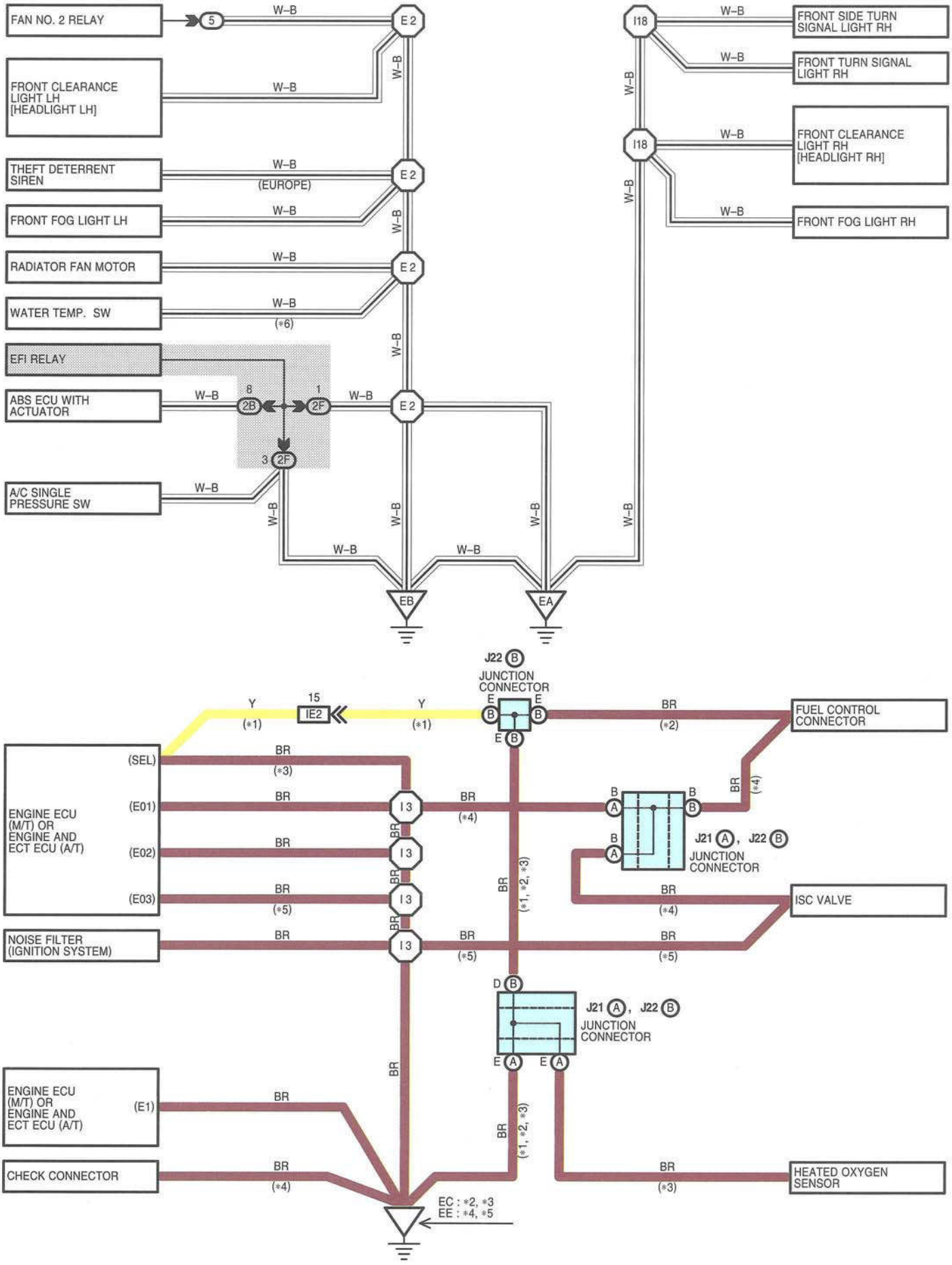
(Hint : See Page 7, 23, 39)

J19 (B) BLACK

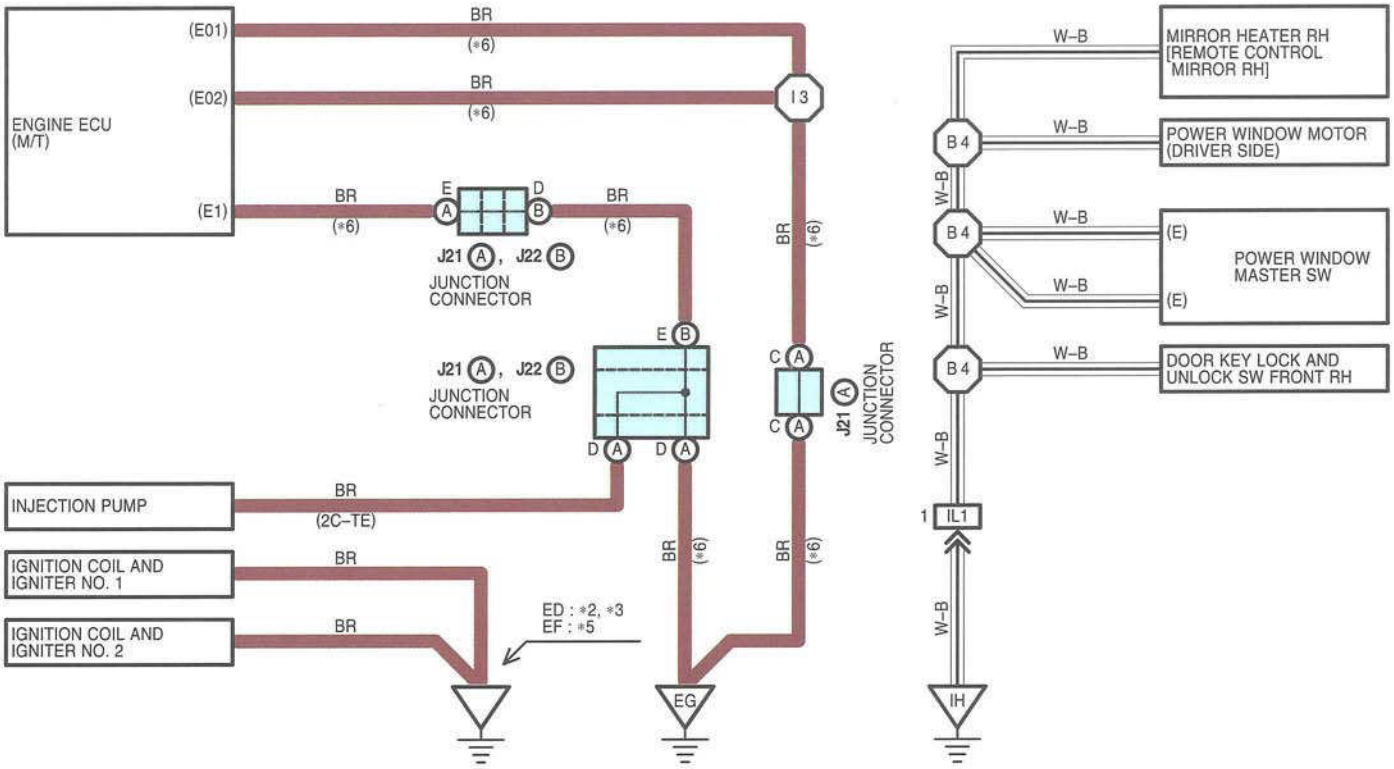


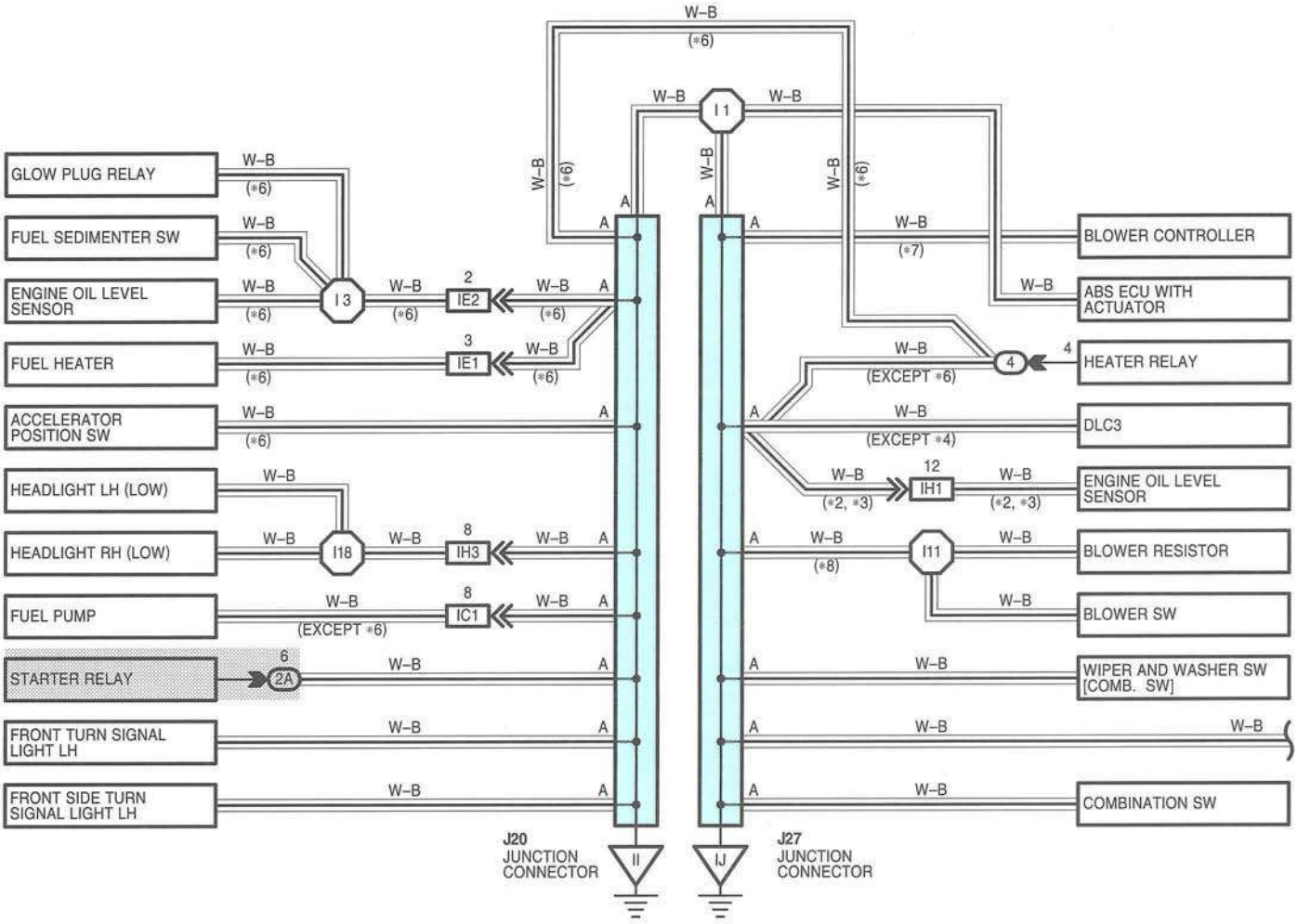
(Hint : See Page 7, 23, 39)

J GROUND POINT (RHD)

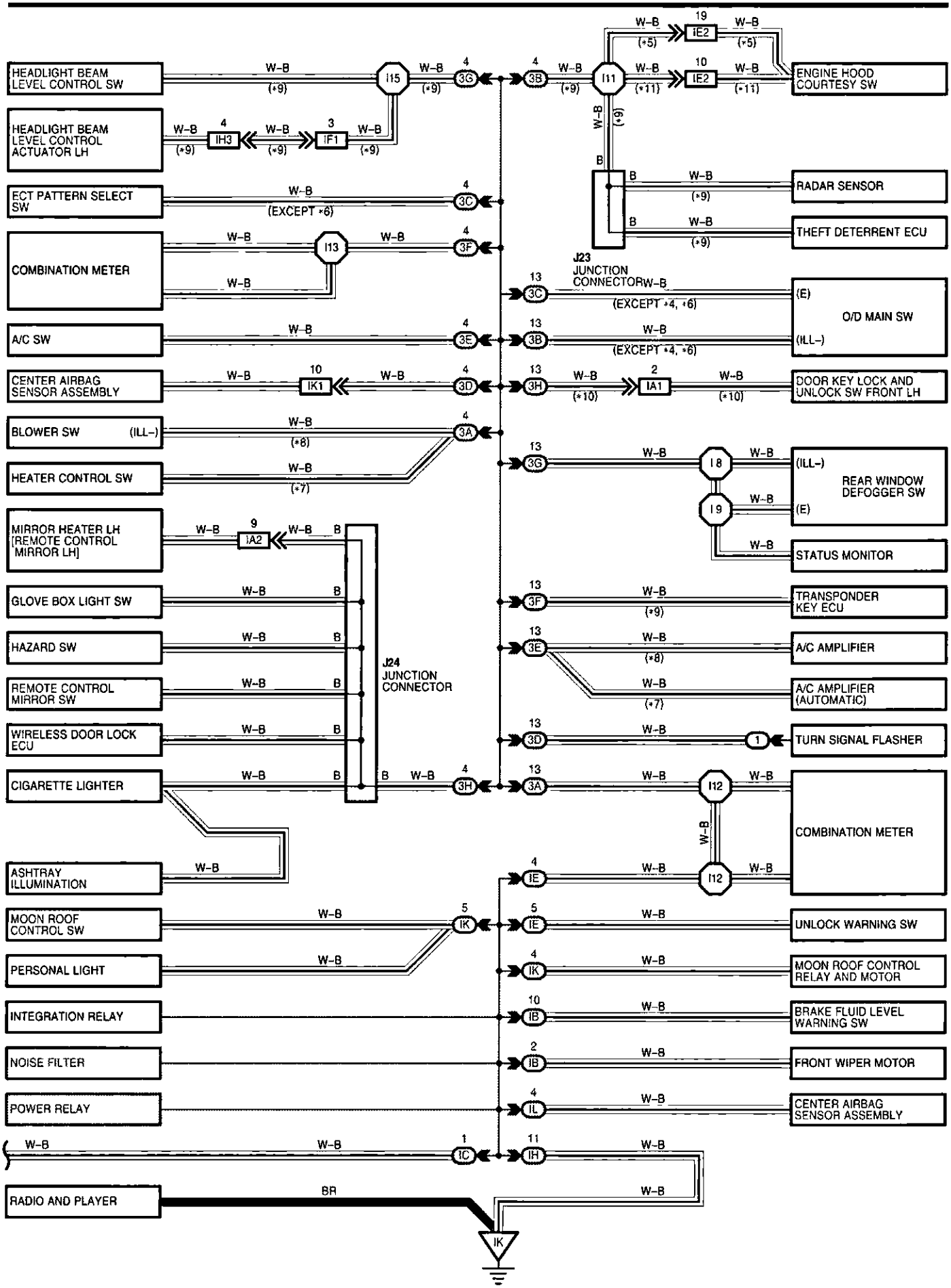


* 1 : 7A–FE A/T
* 2 : 3S–FE GENERAL
* 3 : 3S–FE EUROPE
* 4 : 4A–FE STOICHIOMETRIC TYPE
* 5 : 7A–FE, 4A–FE LEAN BURN TYPE
* 6 : 2C–TE
* 7 : AUTO A/C
* 8 : MANUAL A/C

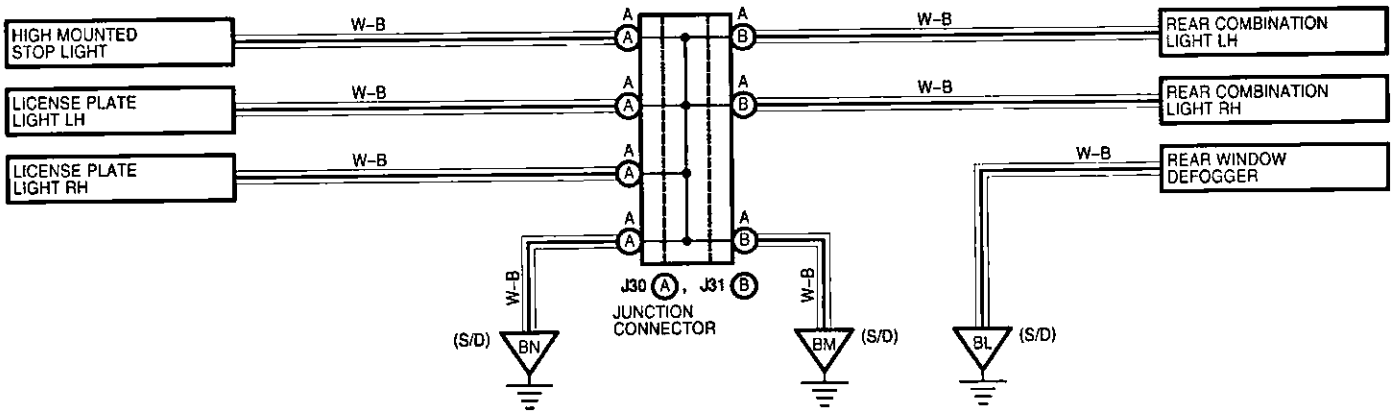


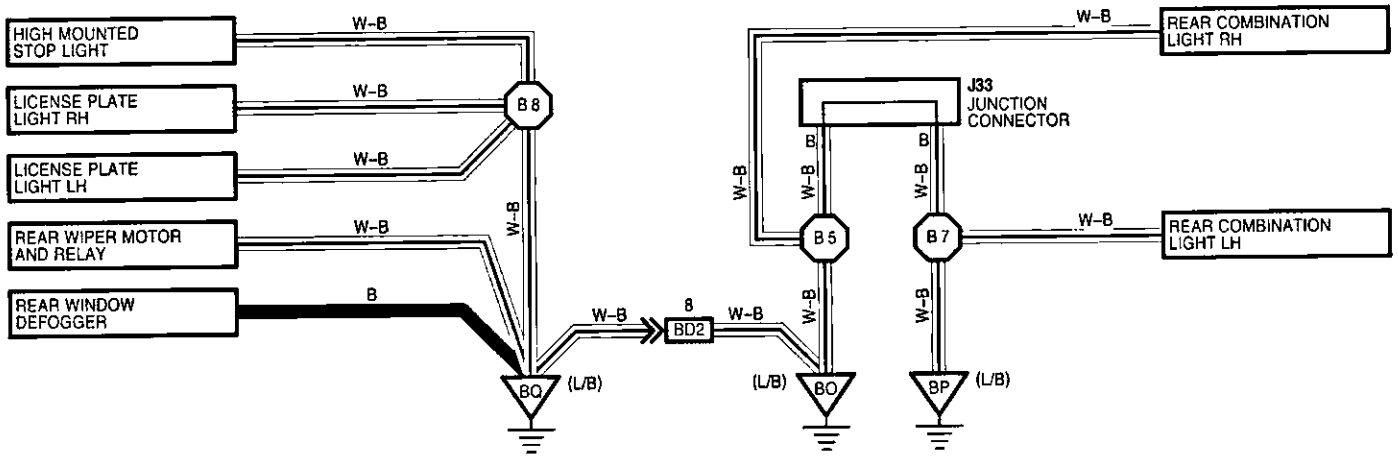


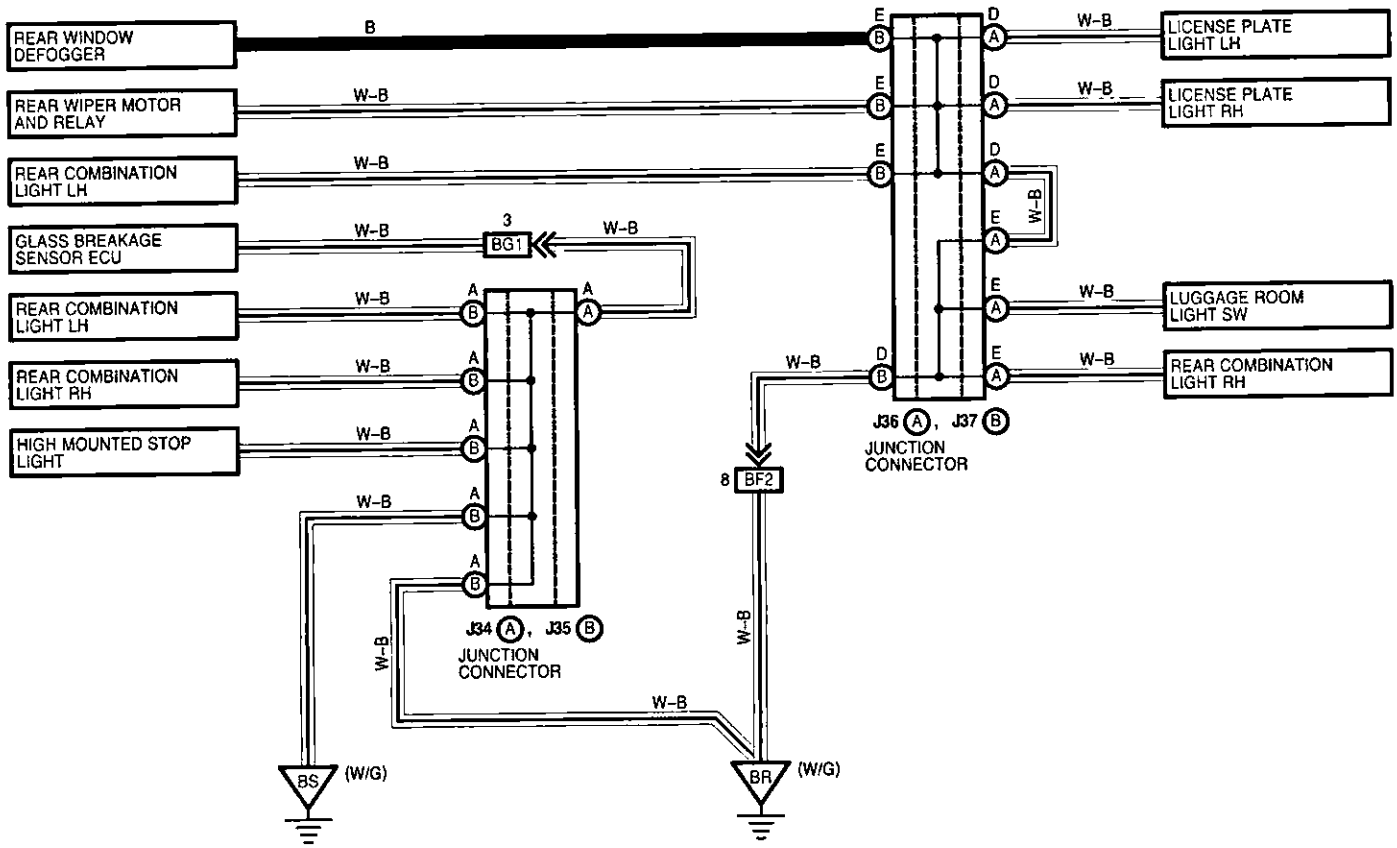
J GROUND POINT (RHD)



* 4 : STOICHIOMETRIC TYPE
* 5 : 7A-FE, 4A-FE LEAN BURN TYPE
* 6 : 2C-TE
* 7 : AUTO A/C
* 8 : MANUAL A/C
* 9 : EUROPE
*10 : GENERAL
*11 : 3S-FE, 2C-TE







J GROUND POINT (RHD)

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
J20		96 (RHD)	J27		96 (RHD)	J35	B	102 (RHD W/G)
J21	A	96 (RHD)	J30	A	98 (RHD S/D)	J36	A	102 (RHD W/G)
J22	B	96 (RHD)	J31	B	98 (RHD S/D)	J37	B	102 (RHD W/G)
J23		96 (RHD)	J33		100 (RHD L/B)			
J24		96 (RHD)	J34	A	102 (RHD W/G)			

▭ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	53 (RHD)	Driver Side R/B (Right Kick Panel)
4	53	R/B No.4 (Passenger Side Dash Panel)
5	54	Engine Room R/B (Engine Compartment Left)

⬭ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
IB	59 (RHD)	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
IC	59	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
IE		
IH	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IK	59	Roof Wire and Instrument Panel J/B (Lower Finish Panel)
IL	58	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
2A	57	Cowl Wire and Engine Room J/B (Engine Compartment Left)
2B		
2F	57	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	60 (RHD)	Cowl Wire and Center J/B (Right Side of Heater Unit)
3B		
3C		
3D		
3E	61 (RHD)	
3F		
3G	61 (RHD)	Instrument Panel Wire and Center J/B (Right Side of Heater Unit)
3H		

▭ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	132 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IC1	132 (RHD)	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
IE1	132 (RHD)	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IE2		
IF1	132 (RHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)
IH1	134 (RHD)	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH3		
IK1	134 (RHD)	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	134 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BD2	138 (RHD L/B)	Floor Wire and Back Door No.1 Wire (Back Door Left)
BF2	140 (RHD W/G)	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BG1	140 (RHD W/G)	Floor Wire and Glass Breakage Sensor Wire (Right Qurter Panel)

▽ : GROUND POINTS

* A : 7A-FE, 4A-FE Lean Burn Type
* B : 4A-FE Stoichiometric Type

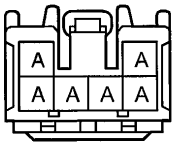
Code	See Page	Ground Points Location
EA	124 (RHD 3S-FE)	Under the Headlight RH
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
EB	124 (RHD 3S-FE)	Under the Headlight LH
	126 (RHD *A)	
	128 (RHD *B)	
	130 (RHD 2C-TE)	
EC	124 (RHD 3S-FE)	Behind the Intake Manifold
ED	124 (RHD 3S-FE)	Engine Block Left Side
EE	126 (RHD *A)	Under the Intake manifold
	128 (RHD *B)	
EF	126 (RHD *A)	Near the Throttle Body
EG	130 (RHD 2C-TE)	Near the Starter
IH	132 (RHD)	Left Kick Panel
II		
IJ	132 (RHD)	Right Kick Panel
IK		
BL	136 (RHD S/D)	Left Quarter Pillar
BM	136 (RHD S/D)	Back Panel Center
BN	136 (RHD S/D)	Right Quarter Pillar
BO	138 (RHD L/B)	Under the Left Quarter Pillar
BP	138 (RHD L/B)	Back Panel Center
BQ	138 (RHD L/B)	Back Door Center
BR	140 (RHD W/G)	Rear Quarter Panel LH
BS	140 (RHD W/G)	Rear Quarter Panel RH

⬡ : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E2	124 (RHD 3S-FE)	Engine Room Main Wire	I13	134 (RHD)	Cowl Wire
	126 (RHD *A)		I15	134 (RHD)	Instrument Panel Wire
	128 (RHD *B)		I18	134 (RHD)	Engine Room Main Wire
	130 (RHD 2C-TE)		B4	136 (RHD S/D)	Front Door RH Wire
I1	134 (RHD)	Cowl Wire		138 (RHD L/B)	
I3	134 (RHD)	Engine Wire		140 (RHD W/G)	
I8	134 (RHD)	Instrument Panel Wire	B5	138 (RHD L/B)	Floor Wire
I9			B7		
I11	134 (RHD)	Cowl Wire	B8	138 (RHD L/B)	Back Door No.1 Wire
I12					

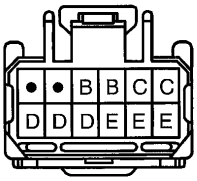
J GROUND POINT (RHD)

J20



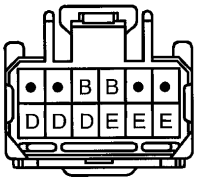
(Hint : See Page 7, 23, 39)

J21 (A) BLACK



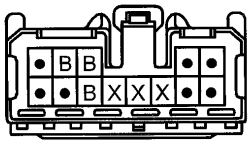
(Hint : See Page 7, 23, 39)

J22 (B) BLACK



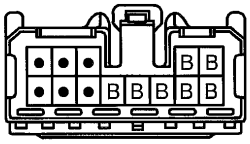
(Hint : See Page 7, 23, 39)

J23 BLUE



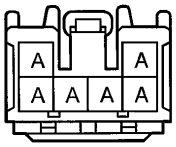
(Hint : See Page 7, 23, 39)

J24 GRAY



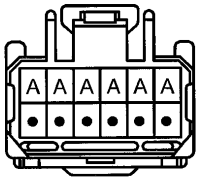
(Hint : See Page 7, 23, 39)

J27



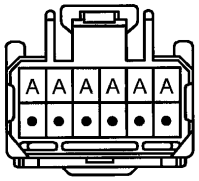
(Hint : See Page 7, 23, 39)

J30 (A) GRAY



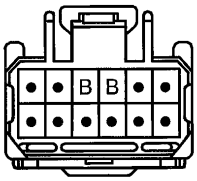
(Hint : See Page 7, 23, 39)

J31 (B) GRAY



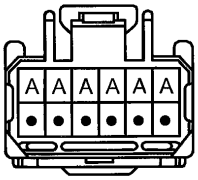
(Hint : See Page 7, 23, 39)

J33 BLACK



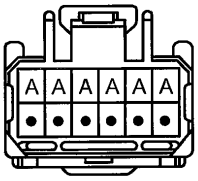
(Hint : See Page 7, 23, 39)

J34 (A) GRAY



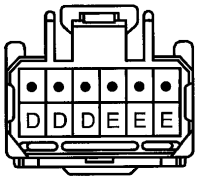
(Hint : See Page 7, 23, 39)

J35 (B) GRAY



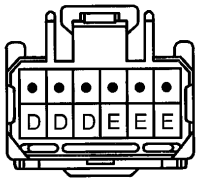
(Hint : See Page 7, 23, 39)

J36 (A) BLACK



(Hint : See Page 7, 23, 39)

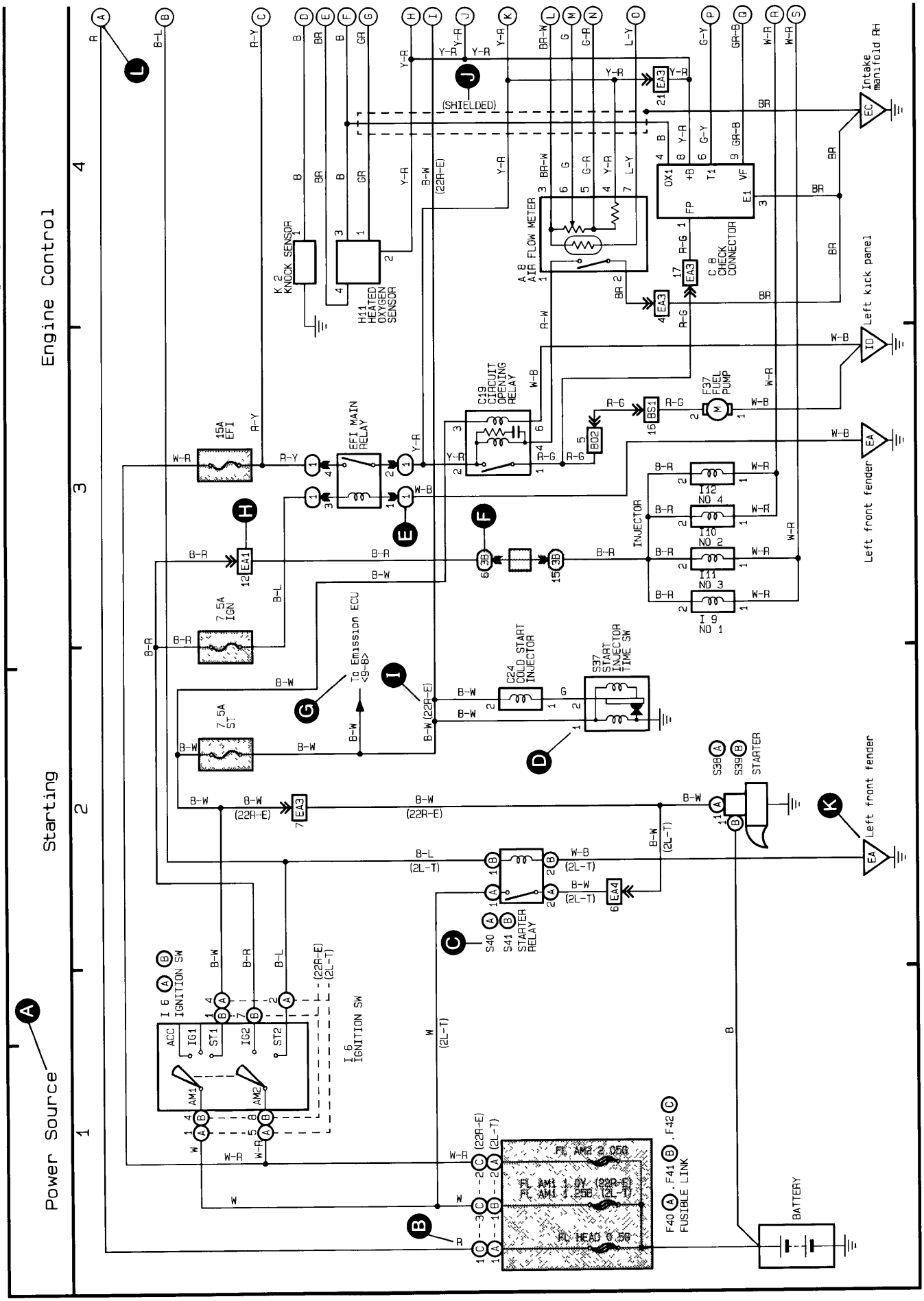
J37 (B) BLACK



(Hint : See Page 7, 23, 39)

K OVERALL ELECTRICAL WIRING DIAGRAM

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.



Ⓐ: System Title

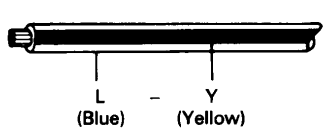
Ⓑ: Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B	= Black	L	= Blue	R	= Red
BR	= Brown	LG	= Light Green	V	= Violet
G	= Green	O	= Orange	W	= White
GR	= Gray	P	= Pink	Y	= Yellow

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Example: L – Y



Ⓒ: The position of the parts is the same as shown in the wiring diagram and wire routing.

Ⓓ: Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right / Numbered in order from upper right to lower left



The numbering system for the overall wiring diagram is the same as above.

Ⓔ: Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: ① Indicates Relay Block No. 1.

Ⓕ: Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

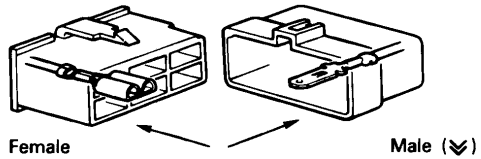
Example:



3B indicates that it is inside Junction Block No. 3.

Ⓖ: Indicates related system.

Ⓗ: Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (≫). Outside numerals are pin numbers.



Ⓘ: ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

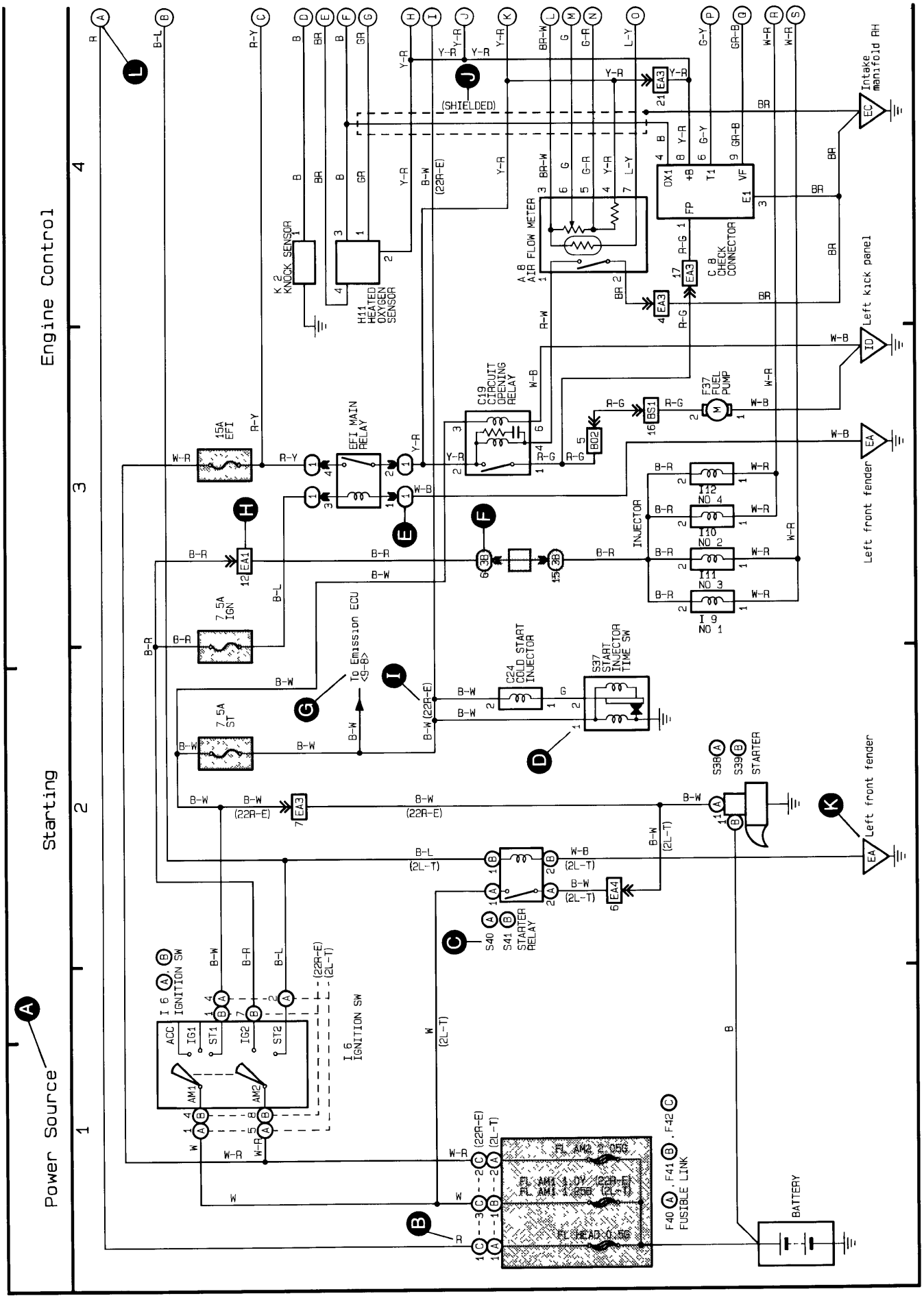
Ⓙ: Indicates a shielded cable.



Ⓚ: Indicates and located on ground point.

Ⓛ: The same code occuring on the next page indicates that the wire harness is continuous.

* *Le système qui est ici représenté NE L'EST QU'A TITRE D'EXEMPLE. Il est différent du circuit réel représenté dans la SECTION SCHEMA DE CABLAGE.*



Ⓐ: *Titre du système*

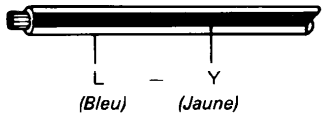
Ⓑ: *Indique la couleur de câblage.*

Les couleurs des fils sont indiquées par un code alphabétique.

B	*= Noir*	*L*	*= Bleu*	*R*	*= Rouge*
BR	*= Marron*	*LG*	*= Vert clair*	*V*	*= Violet*
G	*= Vert*	*O*	*= Orange*	*W*	*= Blanc*
GR	*= Gris*	*P*	*= Rose*	*Y*	*= Jaune*

La première lettre indique la couleur de fil de base et la deuxième lettre indique la couleur de la bande.

Exemple: L – Y



Ⓒ: *La position des pièces est la même que celle indiquée dans le schéma de câblage et le cheminement des câbles.*

Ⓓ: *Indique le numéro de broche du connecteur. Le système de numérotage est différente pour les connecteurs type mâles et femelles.*

Exemple: *Numéroté en ordre de la gauche supérieure vers la droite inférieure.* *Numéroté en ordre de la droite supérieure vers la gauche inférieure.*



Ⓔ: *Indique un bloc de relais. Aucune hachure n'est utilisée et seulement le N°. du bloc de relais est indiqué pour le distinguer du J/B.*

Exemple: ① indique le bloc de relais N° 1.

Ⓕ: *Boîte de dérivation (le numéro dans le cercle représente le N° J/B et le code du connecteur est indiqué à côté). Les boîtes de dérivation sont hachurées pour les séparer des autres pièces.*

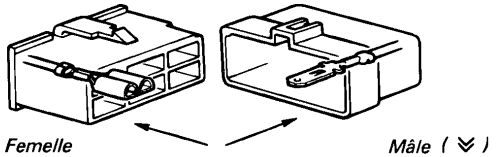
Exemple:



3B indique qu'il est à l'intérieur de la boîte de dérivation N° 3.

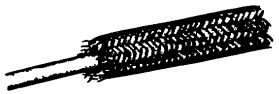
Ⓖ: *Indique un système correspondant.*

Ⓗ: *Indique le connecteur de faisceau de câblage et le faisceau de câblage. Le faisceau de câblage avec la borne type mâle est indiqué par des fièches (≫).*
Les chiffres externes représentent les numéros de broches.



Ⓘ: *( ) s'utilisent pour indiquer différents câblages et connecteurs, etc. lorsque le modèle de véhicule, le type de moteur ou les spécifications sont différentes.*

Ⓙ: *Indique un point de mise à la terre.*

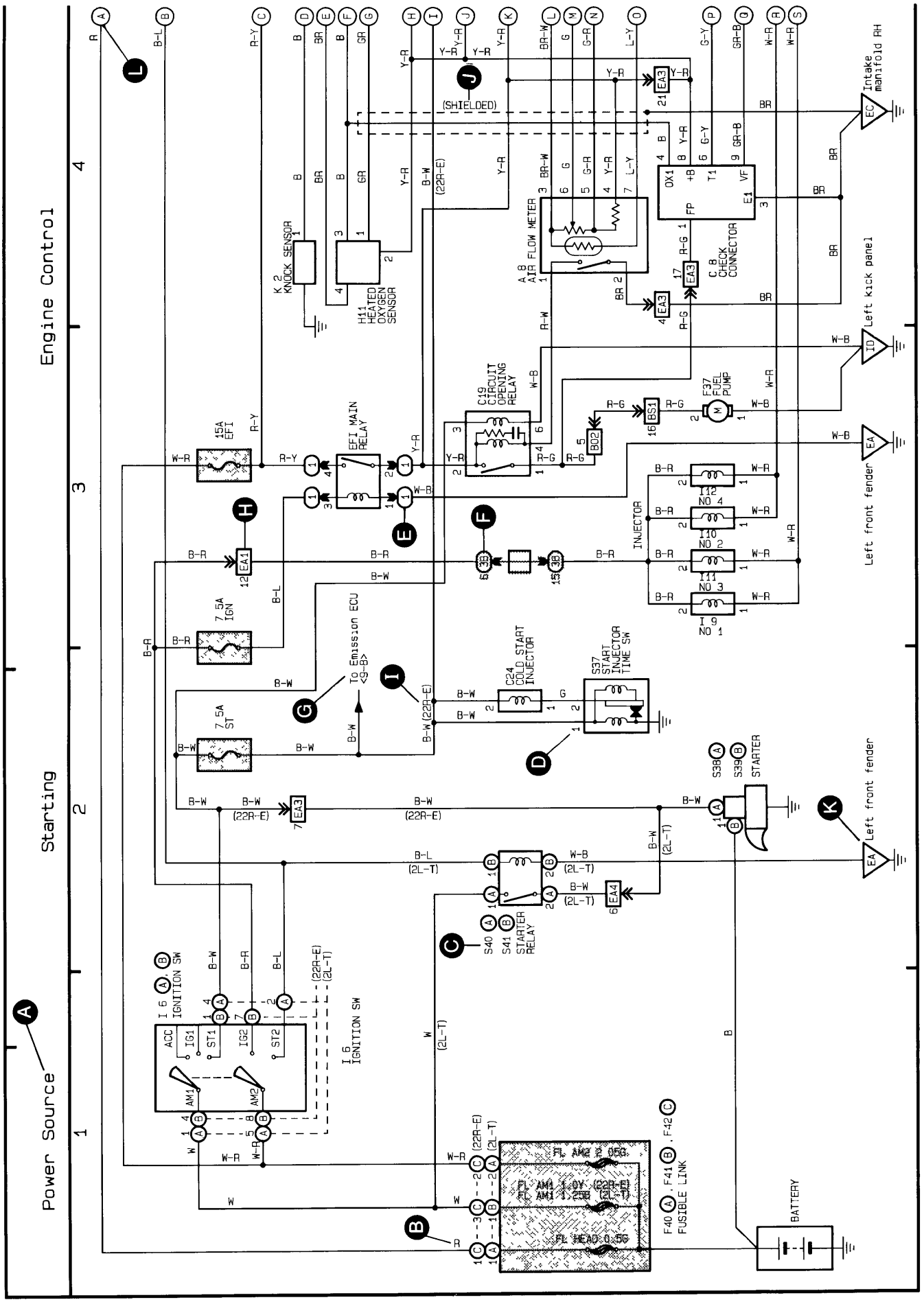


Ⓚ: *Indique un faisceau de câblage scellé.*

Ⓛ: *Le même code qui est indiqué à la page suivante signifie que le faisceau de fils électriques est continu.*

Français

* *El sistema aquí mostrado es SOLO UN EJEMPLO. Es distinto del circuito real mostrado en la SECCION DE DIAGRAMA DEL CABLEADO.*



Ⓐ: *Título del sistema*

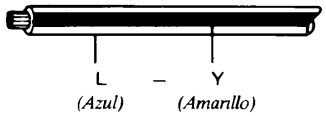
Ⓑ: *Indica el color del cable.*

Los colores de los cables se dan según los siguientes códigos alfabéticos.

B	= *Negro*	*L*	= *Azul*	*R*	= *Rojo*
BR	= *Marrón*	*LG*	= *Verde claro*	*V*	= *Violeta*
G	= *Verde*	*O*	= *Anaranjado*	*W*	= *Blanco*
GR	= *Gris*	*P*	= *Rosado*	*Y*	= *Amarillo*

La primera letra indica el color básico del cable y la segunda letra indica el color de la banda.

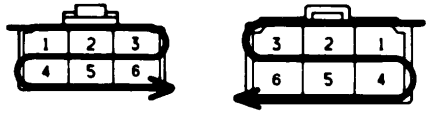
Ejemplo: L – Y



Ⓒ: *La posición de las piezas es la misma que la indicada en el diagrama del cableado y en el trazado del cableado.*

Ⓓ: *Indica el número de clavijas del conector. El sistema de numeración es diferente según se trate de un conector macho o de un conector hembra.*

Ejemplo: *Numerados de arriba a la izquierda hacia abajo a la derecha* — *Numerados de arriba a la derecha hacia abajo a la izquierda*



Hembra *Macho*

Ⓔ: *Indica un bloque de relés. No se utiliza sombreado y se indica sólo el número del bloque de relés para distinguirlo del bloque de empalme*

Ejemplo: ① *indica Bloque de Relés No 1*

Ⓕ: *Bloque de empalme. (El número dentro del círculo es el número del bloque de empalme, y el código del conector aparece junto al mismo.) Los bloques de empalme aparecen sombreados para distinguirlos fácilmente de otras piezas.*

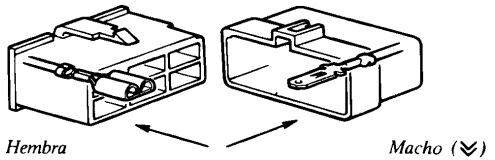
Ejemplo:



3B indica que está dentro del bloque de empalme No 3

Ⓖ: *Indica un sistema relacionado.*

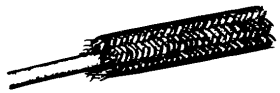
Ⓗ: *Indica el mazo de conductores y el conector del mazo de conductores. El mazo de conductores con el terminal macho es indicado mediante las flechas (≫).*
Las cifras exteriores corresponden al número de clavijas.



Hembra *Macho (≫)*

Ⓘ: *( ) se utiliza para indicar diferentes cableados, conectores, etc. en caso de modelo de vehículo, tipo de motor o especificaciones diferentes.*

Ⓙ: *Indica los PUNTOS de conexión a Masa.*



Ⓚ: *Indica mazo de conductores blindado.*

Ⓛ: *Cuando se indica el mismo código en la página siguiente, significa que el mazo de cables es continuo.*

SYSTEM INDEX

Location No.1 to 35

SYSTEMS	LOCATION
ABS	21-2
Air Conditioner	33-2
Automatic Air Conditioner	34-2
Back-Up Light	15-2
Charging	1-3
Cigarette Lighter	27-4
Combination Meter	32-2
Door Lock Control	23-3
ECT	18-2 (3S-FE) 20-2 (4A-FE General Stoichiometric Type) 19-2 (Lean Burn Type)
Engine Control	8-2 (2C-T) 7-2 (2C-TE) 3-2 (3S-FE) 5-2 (4A-FE Europe Stoichiometric Type) 6-2 (4A-FE General Stoichiometric Type) 4-2 (7A-FE, 4A-FE Lean Burn Type)
Front Fog Light	11-2
Front Window Deicer and Rear Window Defogger and Mirror Heater	29-2 (LHD)
Front Wiper and Washer	26-2
Fuel Heater	1-3 (Diesel)
Headlight	9-2 (w/ Daytime Running Light) 10-2 (w/o Daytime Running Light)
Headlight Beam Level Control	10-3
Headlight Cleaner	26-4 (LHD)
Horn	31-2
Ignition	2-2
Illumination	17-2
Interior Light	16-2
Light Reminder Buzzer	25-4
Moon Roof	28-2
Power Source	1~35-1
Power Window	24-2
Radiator Fan and Condenser Fan	34-6
Radio and Player	31-3
Rear Fog Light	11-4
Rear Window Defogger and Mirror Heater	30-2 (RHD)
Rear Wiper and Washer	27-2
Remote Control Mirror	28-3
Seat Heater	25-2 (LHD)
SRS	22-2
Starting	1-2
Stop Light	14-2
Taillight	15-5
Theft Deterrent	35-2 (RHD)
Turn Signal and Hazard Warning Light	12-2 (LHD) 13-2 (RHD)
Wireless Door Lock Control	23-2

INDEX DE SYSTEME

A partir de page 1 jusqu à 35

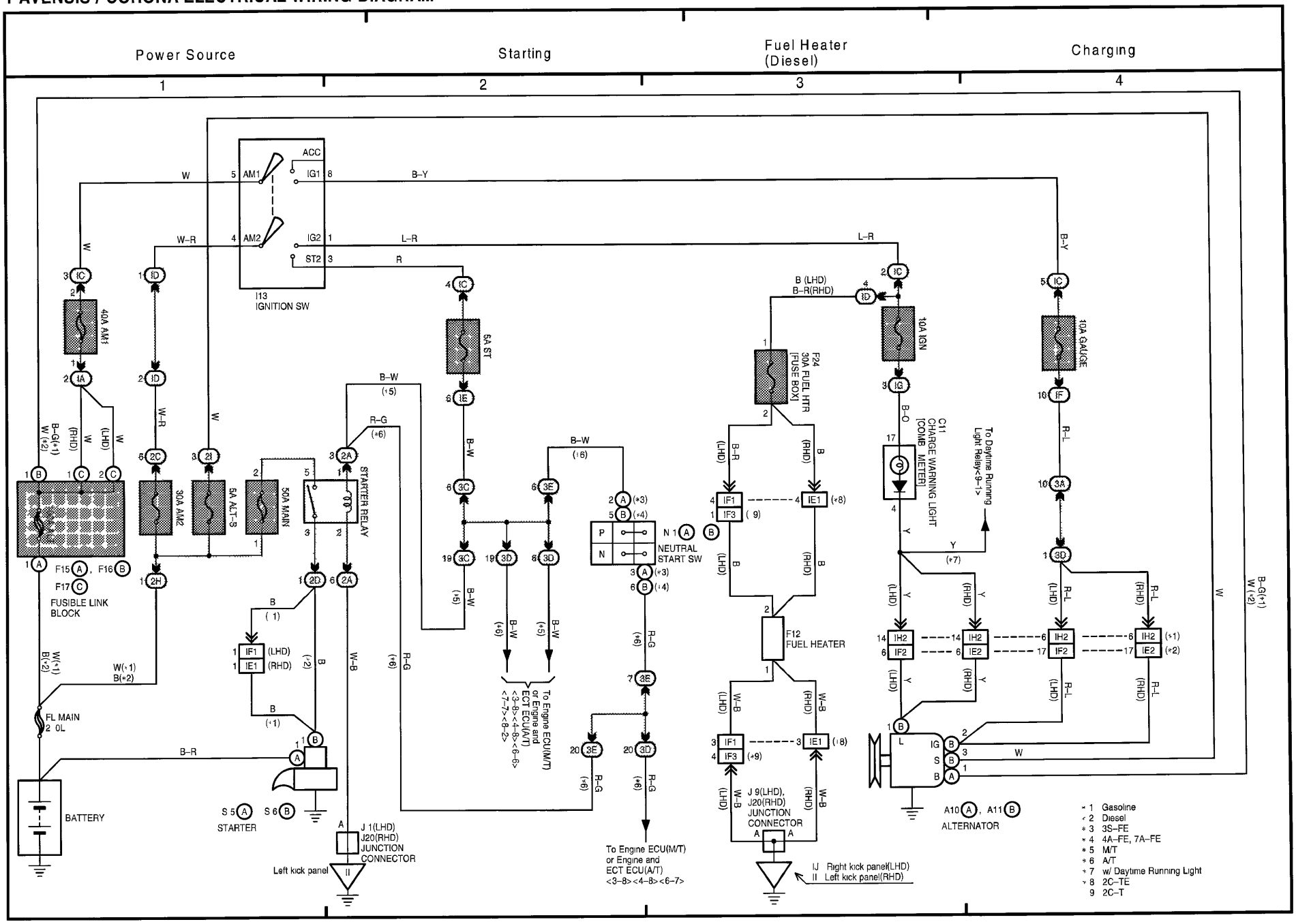
SYSTEMES	EMPLACEMENT
ABS	21-2
Air Conditionné	33-2
Air conditionné automatique	34-2
Allumage	2-2
Allume-cigare	27-4
Autoradio et lecteur de cassettes	31-3
Avertisseur	31-2
Avertisseur sonore de rappel de dispositifs d'éclairage allumés	25-4
Charge	1-3
Chauffage de siège	25-2 (conduite à gauche)
Combiné de bord	32-2
Commande de condamnation de porte	23-3
Commande de condamnation de porte à commande radio	23-2
Commande de moteur	8-2 (2C-T) 7-2 (2C-TE) 3-2 (3S-FE) 4-2 (7A-FE, 4A-FE a system de combustion de melange pauvre) 5-2 (type stoechiométrique, 4A-FE Europe) 6-2 (type stoechiométrique, 4A-FE toutes zones confondues)
Commande de réglage d'orientation de faisceau de projecteur	10-3
Dissuasion contre le vol	35-2 (conduite à droite)
Dégivreur de glace de pare-brise, désembueur de lunette arrière et résistance électrique de chauffage de rétroviseur	29-2 (conduite à gauche)
Démarrage	1-2
Désembueur de glace de lunette arrière et résistance électrique de chauffage de rétroviseur	30-2 (conduite à droite)
Eclairage	17-2
ECT	18-2 (3S-FE) 19-2 (a system de combustion de melange pauvre) 20-2 (type stoechiométrique, 4A-FE toutes zones confondues)
Essuie-glace et lave-glace de lunette arrière	27-2
Essuie-glace et lave-glace de pare-brise	26-2
Feux de position arrière	15-5
Feux de recul	15-2
Feux stop	14-2
Lave-projecteur avant	26-4 (conduite à gauche)
Lève-glace électrique	24-2
Plafonnier	16-2
Projecteur antibrouillard arrière	11-4
Projecteur antibrouillard avant	11-2
Projecteur avant	9-2 (avec an système d'éclairage de conduite de jour) 10-2 (sans système d'éclairage de conduite de jour)
Réchauffeur de combustible	1-3 (Moteur Diesel)
Rétroviseur à commande électrique	28-3
Source d'alimentation	1~35-1
SRS	22-2
Toit ouvrant	28-2
Ventilateur de radiateur et ventilateur de condenseur	34-6
Voyant de rappel de feu de changement de direction et de feux de détresse	13-2 (conduite à droite) 12-2 (conduite à gauche)

INDICE DE SISTEMA

desde página 1 hasta página 35

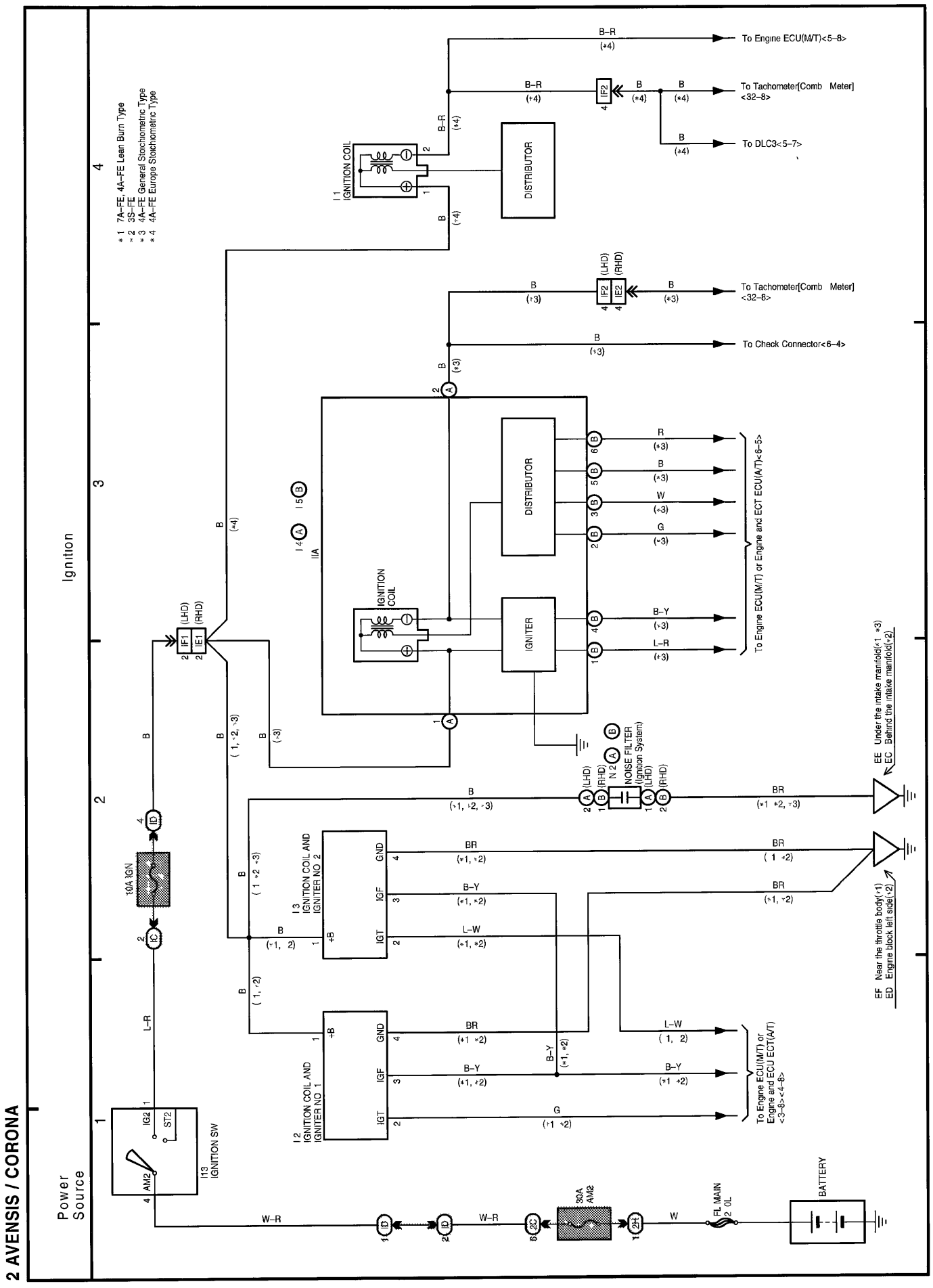
SISTEMA	COLOCACIÓN
ABS	21-2
Acondicionador de aire	33-2
Acondicionador de aire automático	34-2
Alimentación	1 ~ 35-1
Arranque	1-2
Bocina	31-2
Calefactor de combustible	1-3 (Diesel)
Calefactor del asiento	25-2 (dirección a la izquierda)
Carga	1-3
Control de bloqueo de la puerta	23-3
Control de bloqueo de la puerta inalámbrico	23-2
Control del motor	8-2 (2C-T) 7-2 (2C-TE) 3-2 (3S-FE) 4-2 (7A-FE, 4A-FE tipo combustion pobre) 5-2 (tipo estequiométrico 4A-FE para Europa) 6-2 (tipo estequiométrico 4A-FE para general)
Control del nivel del haz del faro	10-3
Desempañador de la ventanilla trasera y calefactor del retrovisor	30-2 (dirección a la derecha)
Deshelador de la ventanilla delantera, desempañador de la ventanilla trasera y calefactor del retrovisor	29-2 (dirección a la izquierda)
ECT	18-2 (3S-FE) 19-2 (tipo combustion pobre) 20-2 (tipo estequiométrico 4A-FE para general)
Encendedor de cigarrillos	27-4
Encendido	2-2
Espejo retrovisor de control remoto	28-3
Faro	9-2 (con luz de marcha diurna) 10-2 (sin luz de marcha diurna)
Iluminación	17-2
Limpiador del faro	26-4 (dirección a la izquierda)
Limpiador y lavador del parabrisas	26-2
Limpiador y lavador traseros	27-2
Luz antiniebla frontal	11-2
Luz antiniebla trasera	11-4
Luz de cola	15-5
Luz de marcha atrás	15-2
Luz de parada	14-2
Luz interior	16-2
Medidor de combinación	32-2
Radio y reproductor	31-3
Señal de giro y luz de advertencia de peligro	13-2 (dirección a la derecha) 12-2 (dirección a la izquierda)
Sistema antirrobo	35-2 (dirección a la derecha)
SRS	22-2
Techo lunar	28-2
Ventanilla automática	24-2
Ventilador del radiador y ventilador del condensador	34-6
Zumbador recordatorio de las luces	25-4

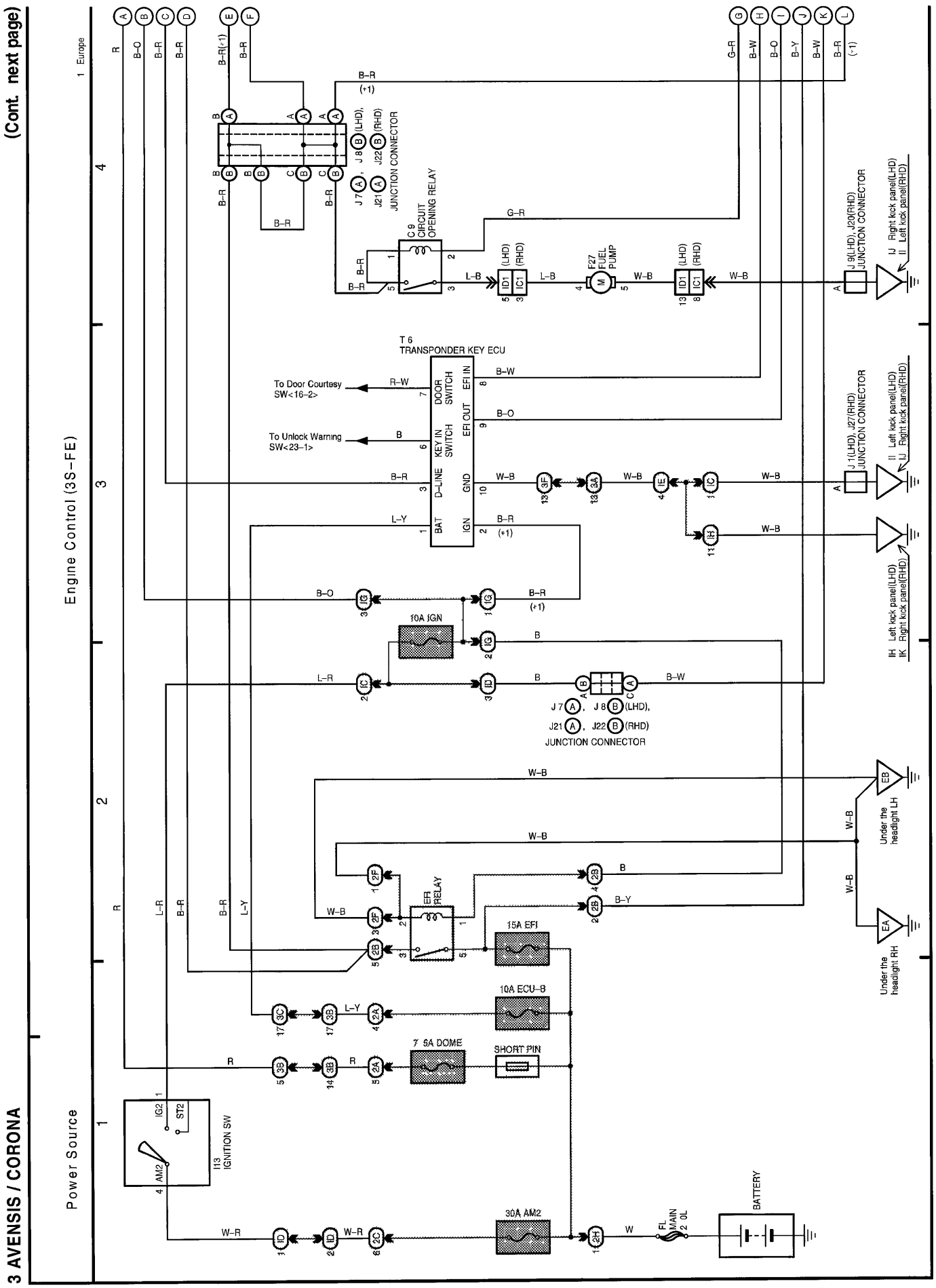
1 AVENSIS / CORONA ELECTRICAL WIRING DIAGRAM

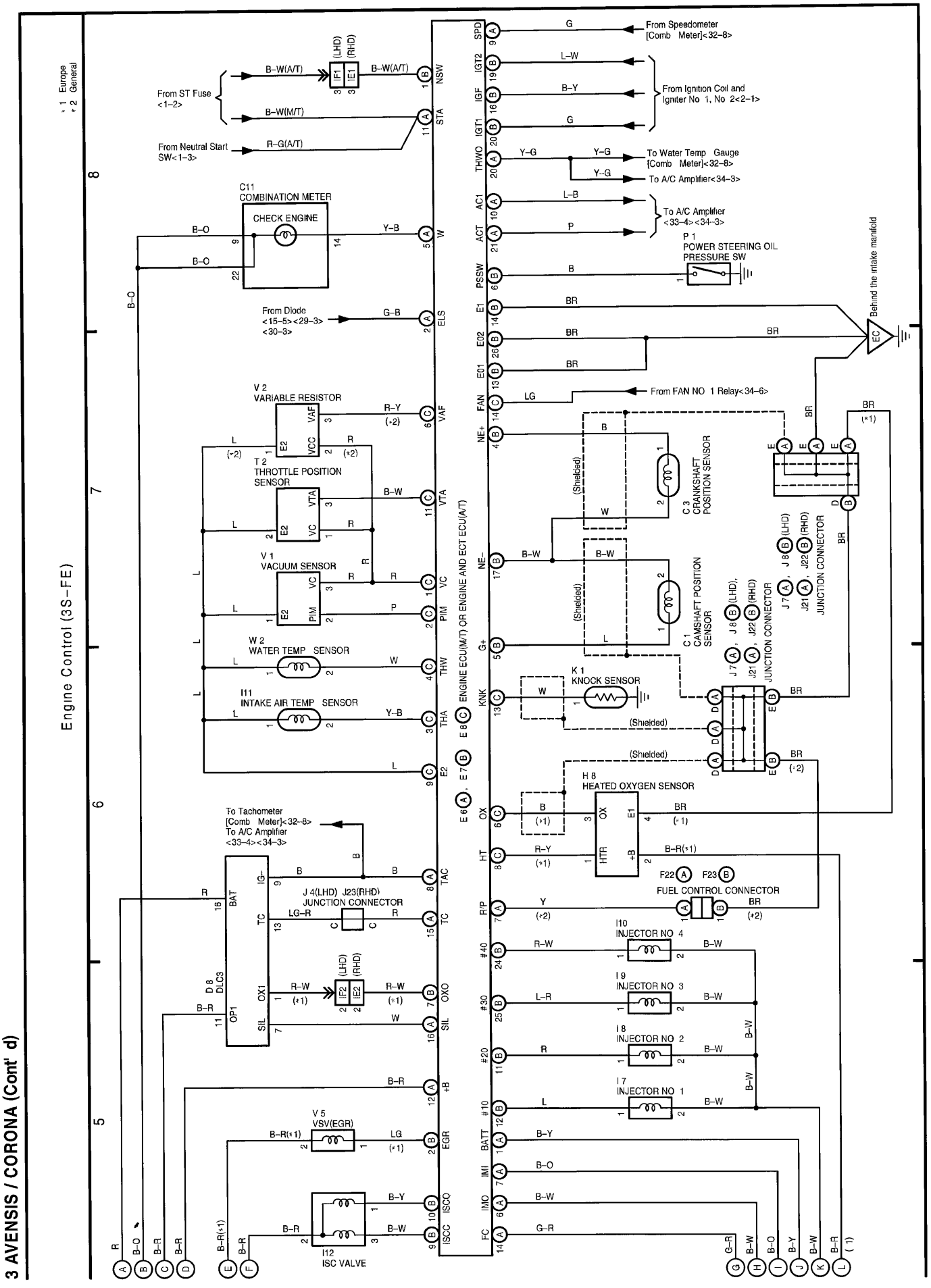


K

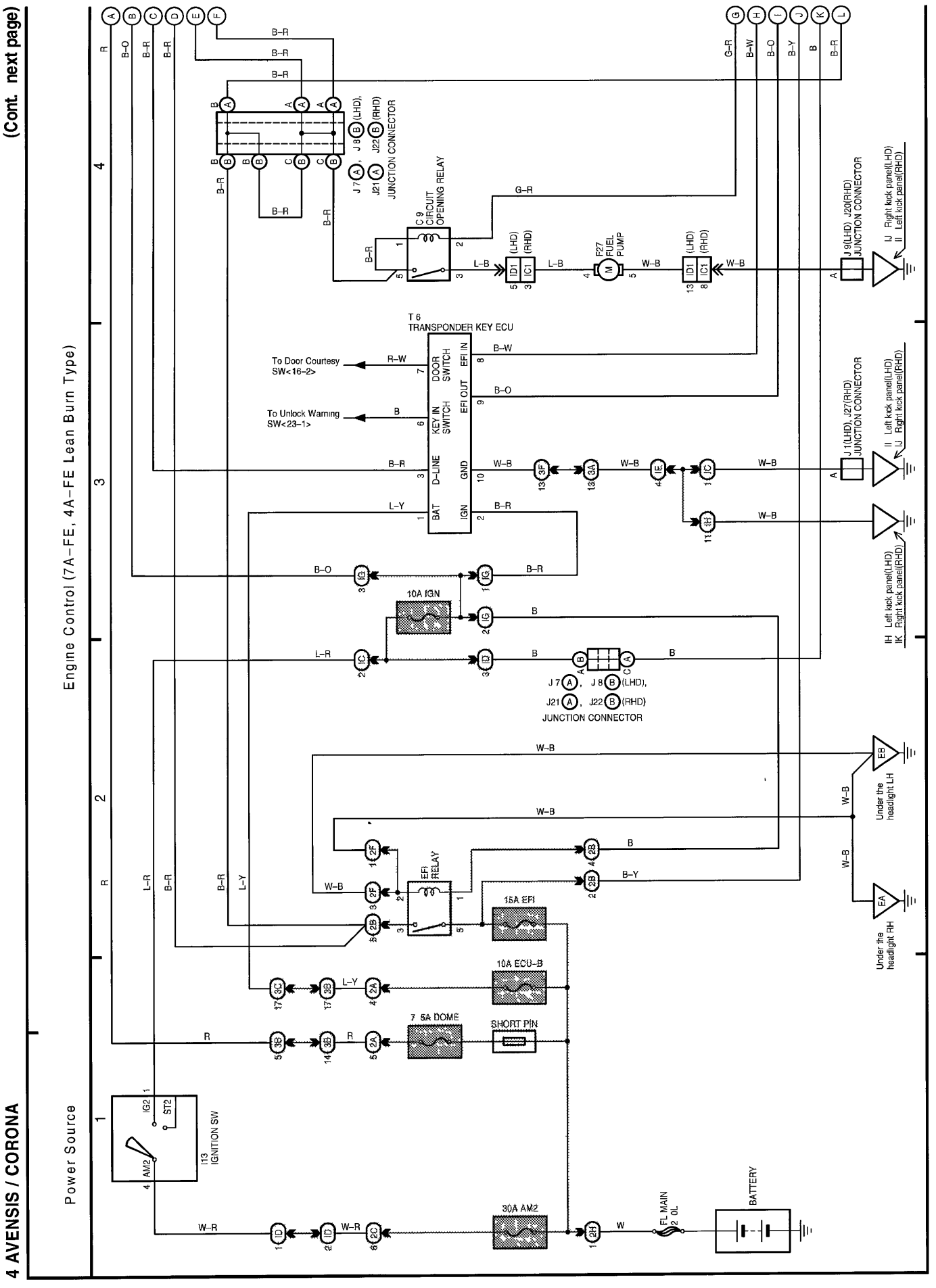
K OVERALL ELECTRICAL WIRING DIAGRAM



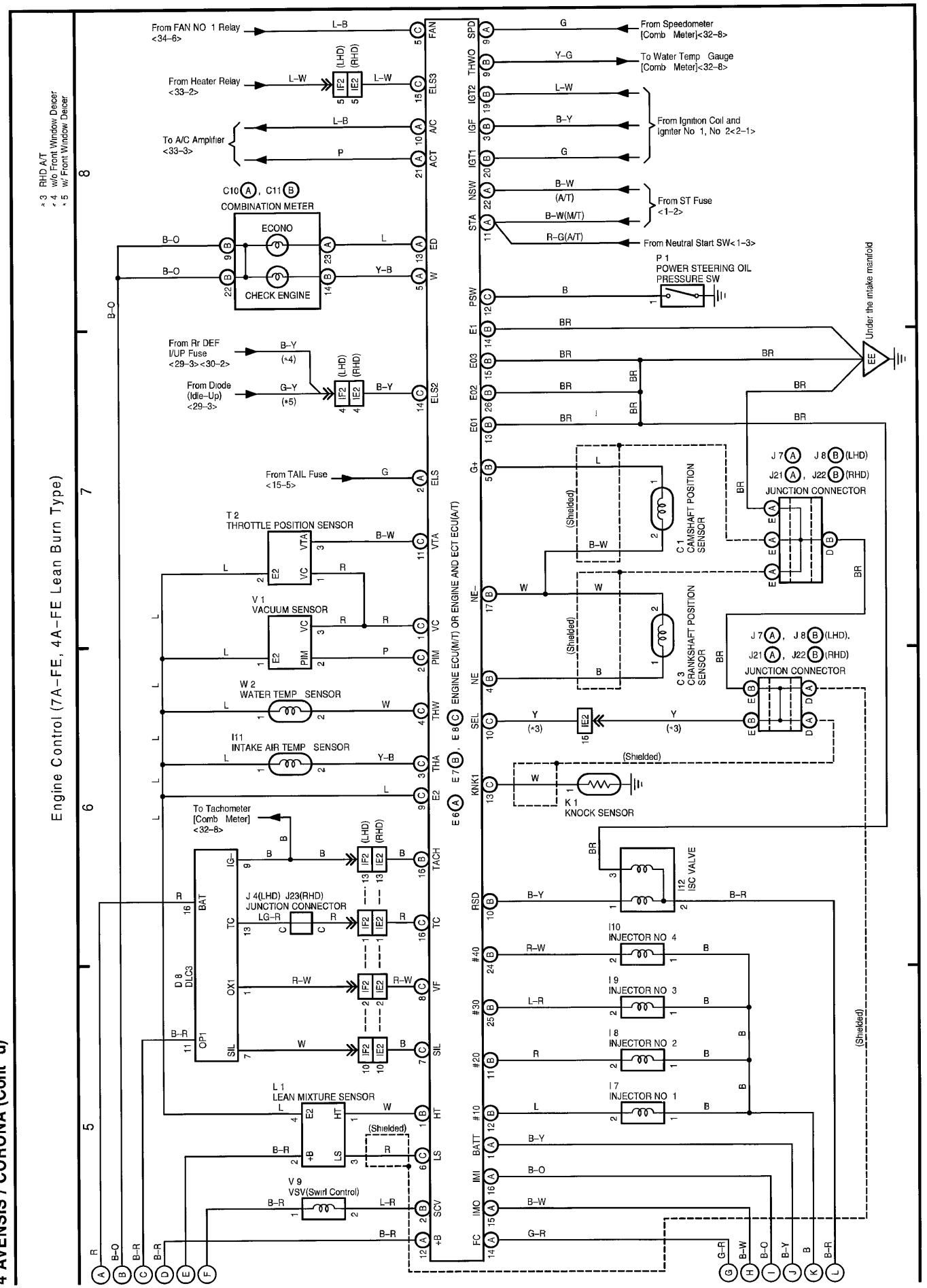

3 AVENSIS / CORONA
(Cont. next page)
Power Source
Engine Control (3S-FE)
1 Europe
C 9 CIRCUIT OPENING RELAY
J 7 (A), J 8 (B) (LHD), J21 (A), J22 (B) (RHD) JUNCTION CONNECTOR
F27 FUEL PUMP
J 9(LHD), J20(RHD) JUNCTION CONNECTOR
U Right kick panel(LHD)
II Left kick panel(RHD)
T 6 TRANSPONDER KEY ECU
To Door Courtesy SW<16-2>
To Unlock Warning SW<23-1>
DOOR SWITCH
KEY IN SWITCH
D-LINE
BAT
IGN
EFI IN
EFI OUT
GND
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
II Left kick panel(LHD)
U Right kick panel(RHD)
IH Left kick panel(LHD)
IK Right kick panel(RHD)
10A IGN
J 7 (A), J 8 (B) (LHD), J21 (A), J22 (B) (RHD) JUNCTION CONNECTOR
EFI RELAY
15A EFI
10A ECU-B
7.5A DOME
SHORT PIN
I13 IGNITION SW
30A AM2
FL MAIN 2.0L
BATTERY
Under the headlight LH
Under the headlight RH

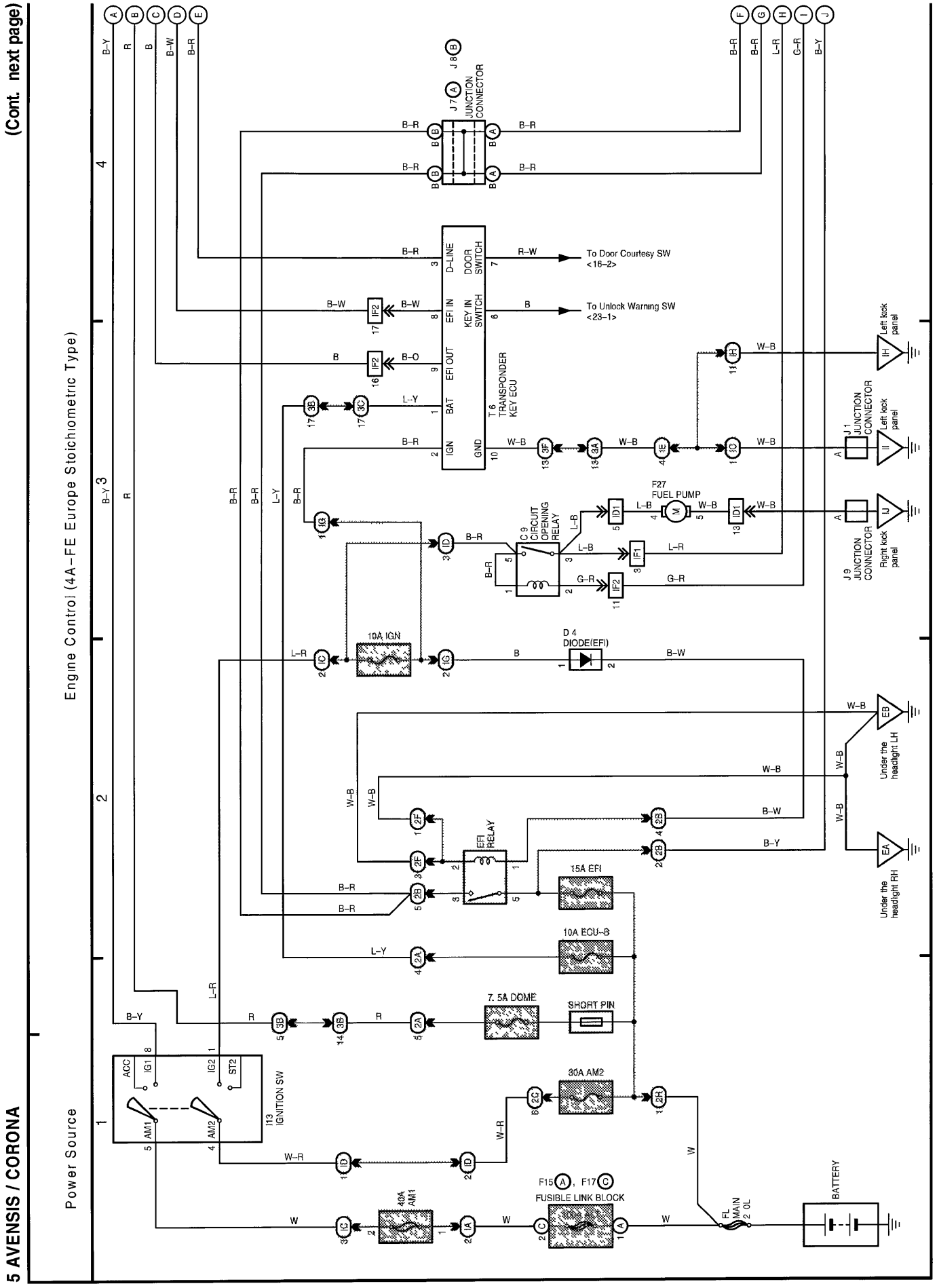

3 AVENSIS / CORONA (Cont' d)
Engine Control (3S-FE)
*1 Europe
*2 General
From ST Fuse <1-2>
From Neutral Start SW<1-3>
From Speedometer [Comb Meter]<32-8>
From Ignition Coil and Igniter No 1, No 2<2-1>
To Water Temp Gauge [Comb Meter]<32-8>
To A/C Amplifier<34-3>
To A/C Amplifier <33-4><34-3>
P 1 POWER STEERING OIL PRESSURE SW
Behind the intake manifold
From Diode <15-5><29-3> <30-3>
From FAN NO 1 Relay<34-6>
C11 COMBINATION METER
CHECK ENGINE
V 2 VARIABLE RESISTOR
T 2 THROTTLE POSITION SENSOR
V 1 VACUUM SENSOR
W 2 WATER TEMP SENSOR
I11 INTAKE AIR TEMP SENSOR
C 3 CRANKSHAFT POSITION SENSOR
C 1 CAMSHAFT POSITION SENSOR
K 1 KNOCK SENSOR
H 8 HEATED OXYGEN SENSOR
ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
To Tachometer [Comb Meter]<32-8> To A/C Amplifier <33-4><34-3>
J 4(LHD) J23(RHD) JUNCTION CONNECTOR
J 8(LHD), J22(RHD) JUNCTION CONNECTOR
J 7, J21 JUNCTION CONNECTOR
FUEL CONTROL CONNECTOR
I10 INJECTOR NO 4
I 9 INJECTOR NO 3
I 8 INJECTOR NO 2
I 7 INJECTOR NO 1
V 5 VSV(EGR)
I12 ISC VALVE
D 8 DLC3
E0
IF1 (LHD) IE1 (RHD)
IF2 (LHD) IE2 (RHD)

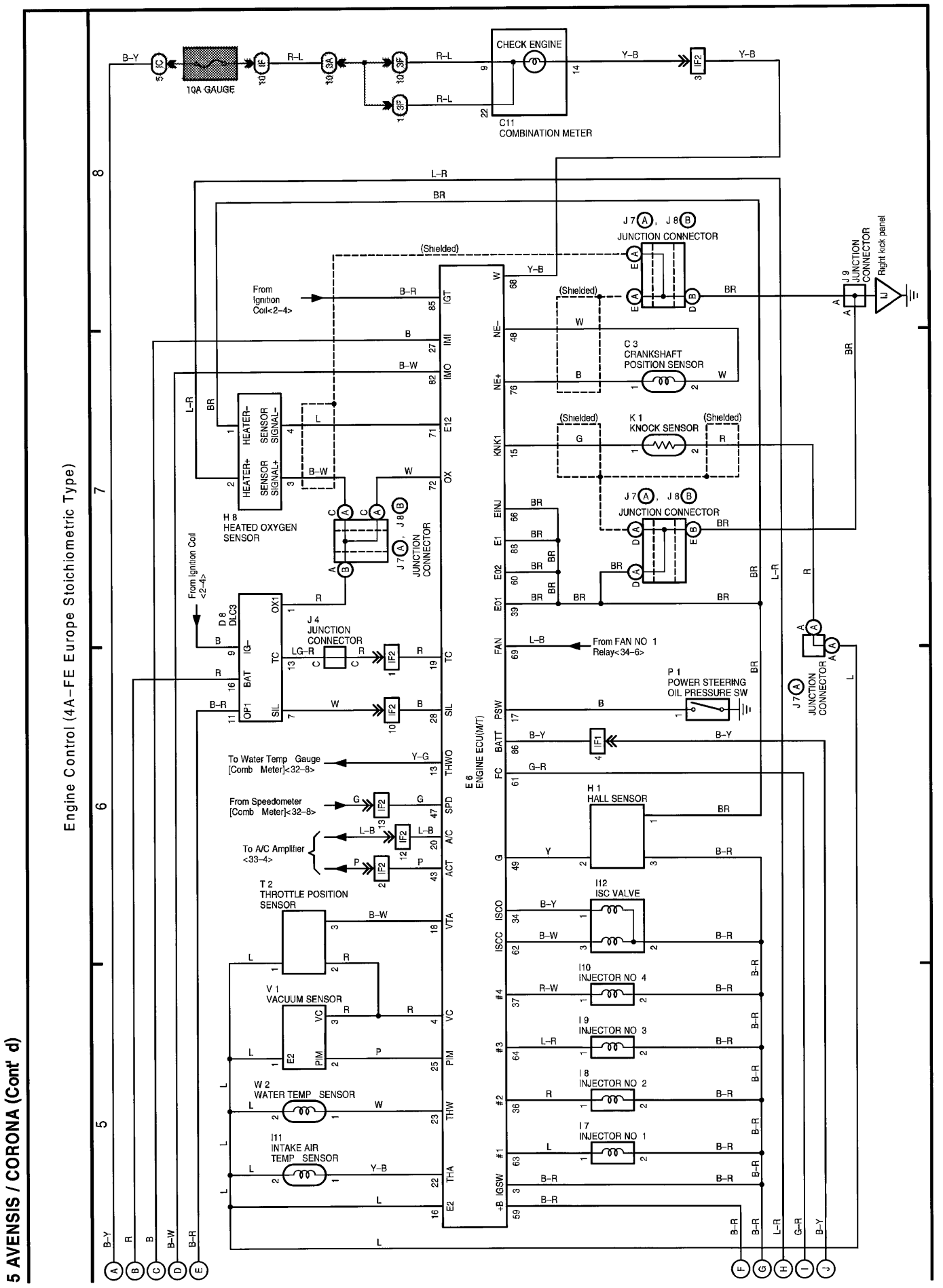
K OVERALL ELECTRICAL WIRING DIAGRAM



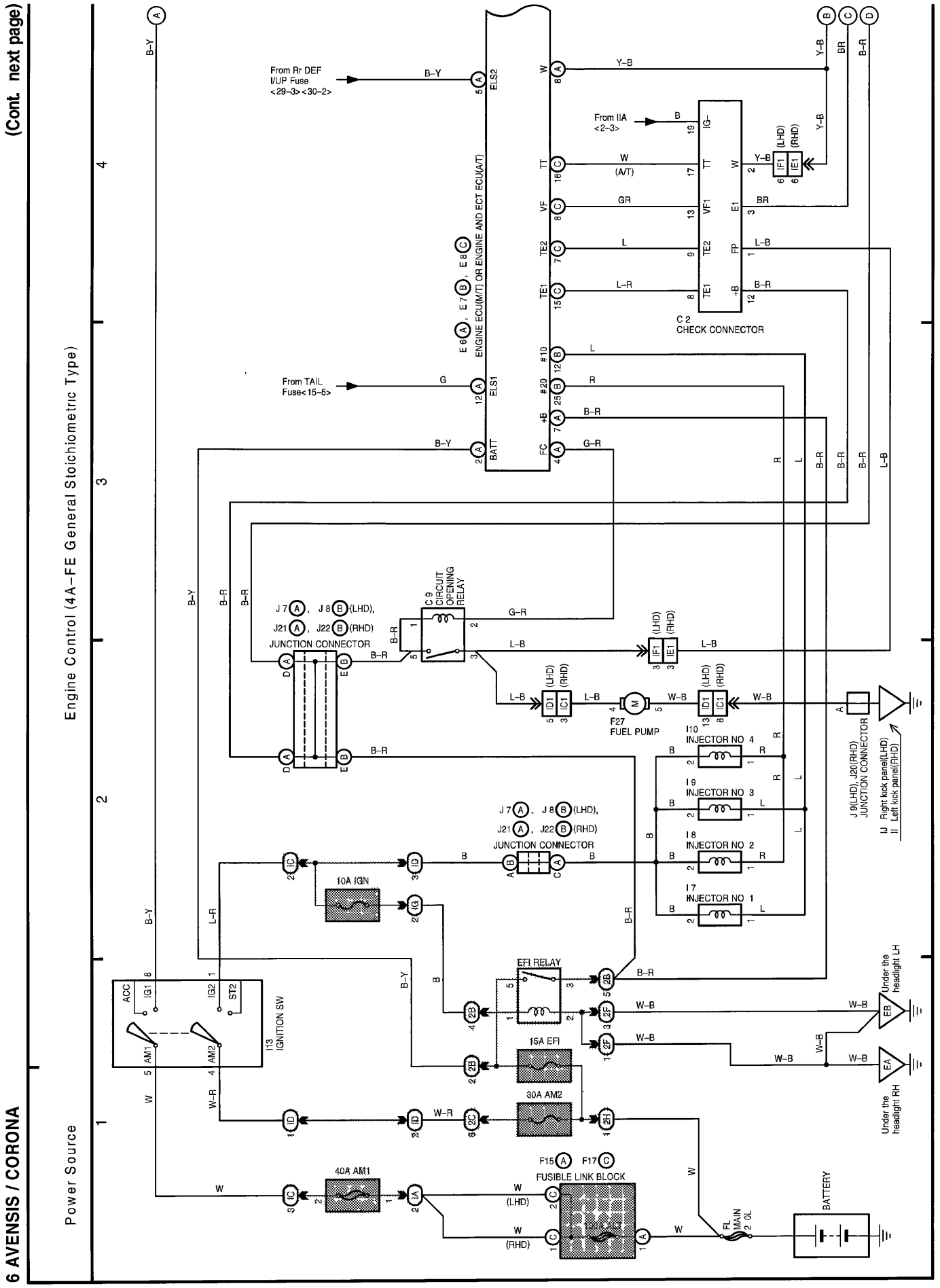
4 AVENSIS / CORONA (Cont' d)

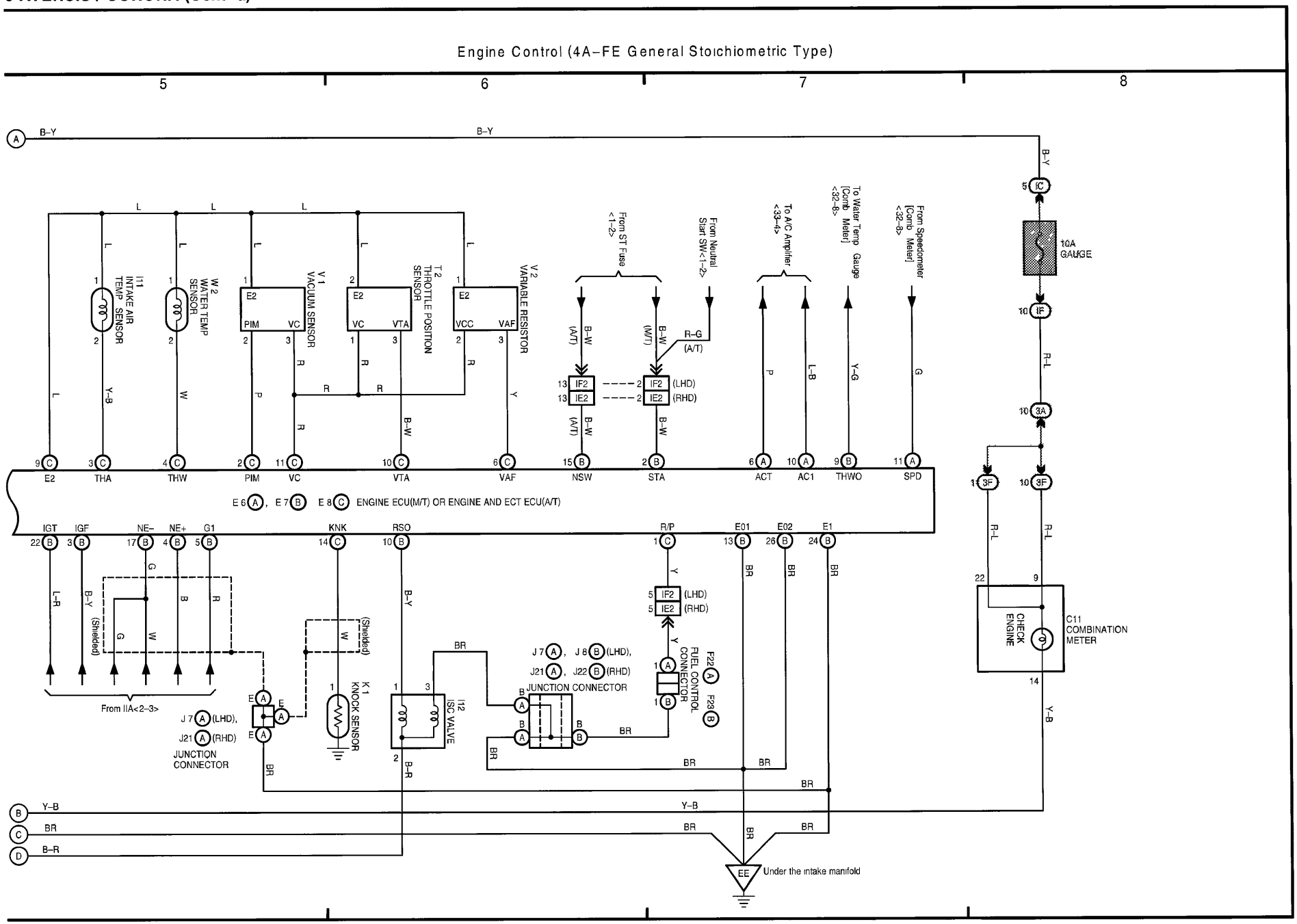



5 AVENSIS / CORONA
(Cont. next page)
Power Source
Engine Control (4A-FE Europe Stoichiometric Type)
J7 JUNCTION CONNECTOR
J8
T6 TRANSPONDER KEY ECU
D-LINE
DOOR SWITCH
EFI IN
KEY IN SWITCH
EFI OUT
BAT
IGN
GND
To Door Courtesy SW <16-2>
To Unlock Warning SW <23-1>
F27 FUEL PUMP
C9 CIRCUIT OPENING RELAY
D4 DIODE(EFI)
10A IGN
EFI RELAY
15A EFI
10A ECU-B
7.5A DOME
SHORT PIN
30A AM2
40A AM1
I13 IGNITION SW
ACC
IG1
IG2
ST2
AM1
AM2
F15, F17
FUSIBLE LINK BLOCK
FL MAIN
2 0L
BATTERY
J1 JUNCTION CONNECTOR
Left kick panel
J9 JUNCTION CONNECTOR
Right kick panel
Under the headlight LH
Under the headlight RH


5 AVENSIS / CORONA (Cont' d)
Engine Control (4A-FE Europe Stoichiometric Type)
CHECK ENGINE
10A GAUGE
C11
COMBINATION METER
J7 A, J8 B
JUNCTION CONNECTOR
J9
JUNCTION
CONNECTOR
Right kick panel
From
Ignition
Coil<2-4>
C3
CRANKSHAFT
POSITION SENSOR
K1
KNOCK SENSOR
H8
HEATED OXYGEN
SENSOR
From Ignition Coil
<2-4>
D8
DLC3
J4
JUNCTION
CONNECTOR
From FAN NO 1
Relay<34-6>
P1
POWER STEERING
OIL PRESSURE SW
To Water Temp Gauge
[Comb Meter]<32-8>
From Speedometer
[Comb Meter]<32-8>
To A/C Amplifier
<33-4>
E6
ENGINE ECU(M/T)
H1
HALL SENSOR
T2
THROTTLE POSITION
SENSOR
I12
ISC VALVE
V1
VACUUM SENSOR
I10
INJECTOR NO 4
I9
INJECTOR NO 3
I8
INJECTOR NO 2
I7
INJECTOR NO 1
W2
WATER TEMP SENSOR
I11
INTAKE AIR
TEMP SENSOR
HEATER+
HEATER-
SENSOR SIGNAL+
SENSOR SIGNAL-
IGT
IGF
IMI
IMO
E12
OX
NE-
NE+
KNK1
EINJ
E1
E02
E01
FAN
PSW
BATT
FC
IGSW
+B
OX1
IG-
BAT
OP1
TC
SIL
THW
SPD
A/C
ACT
VTA
VC
PIM
THA
E2
ISCO
ISCC
#4
#3
#2
#1
(Shielded)

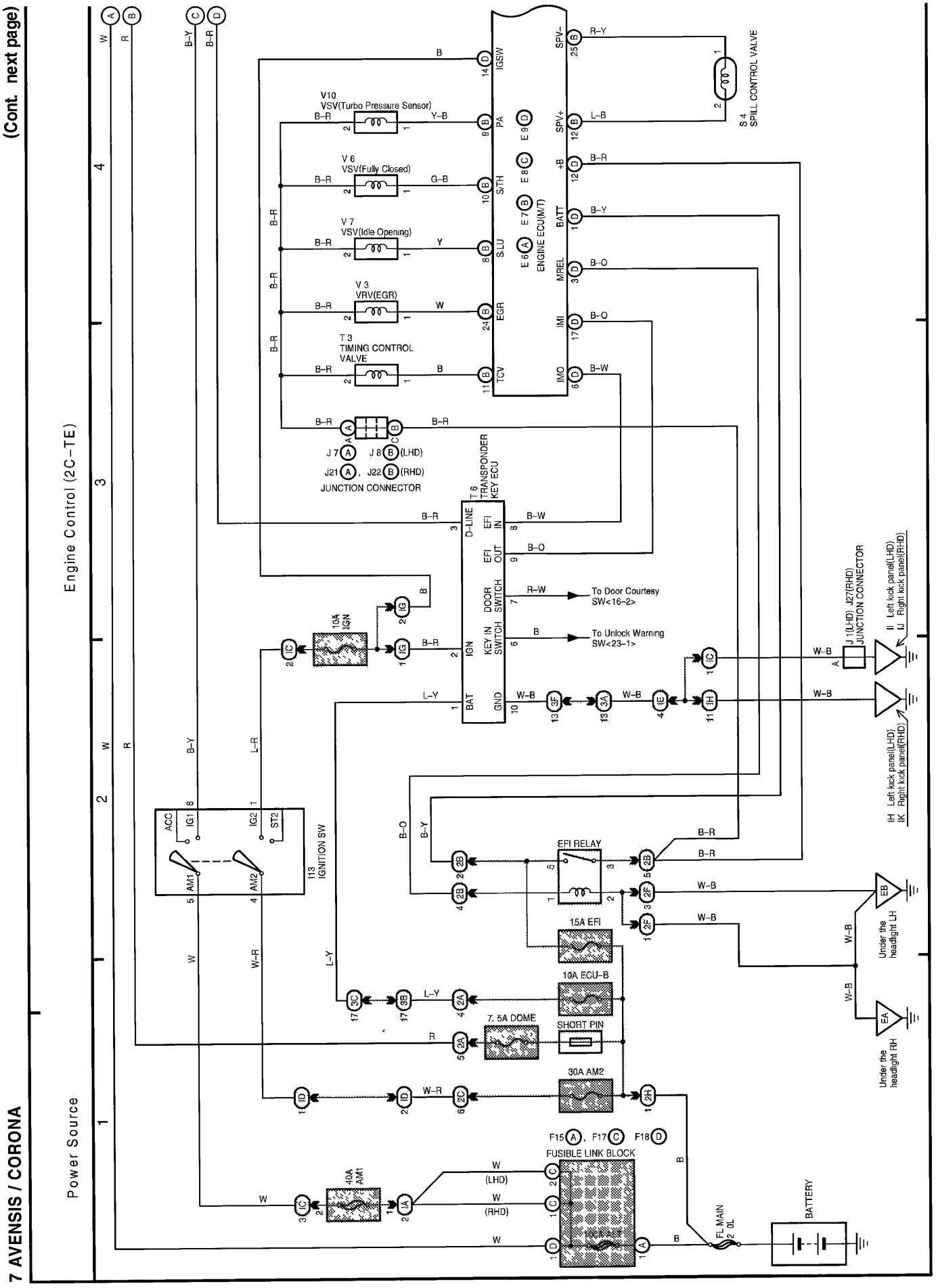
K OVERALL ELECTRICAL WIRING DIAGRAM

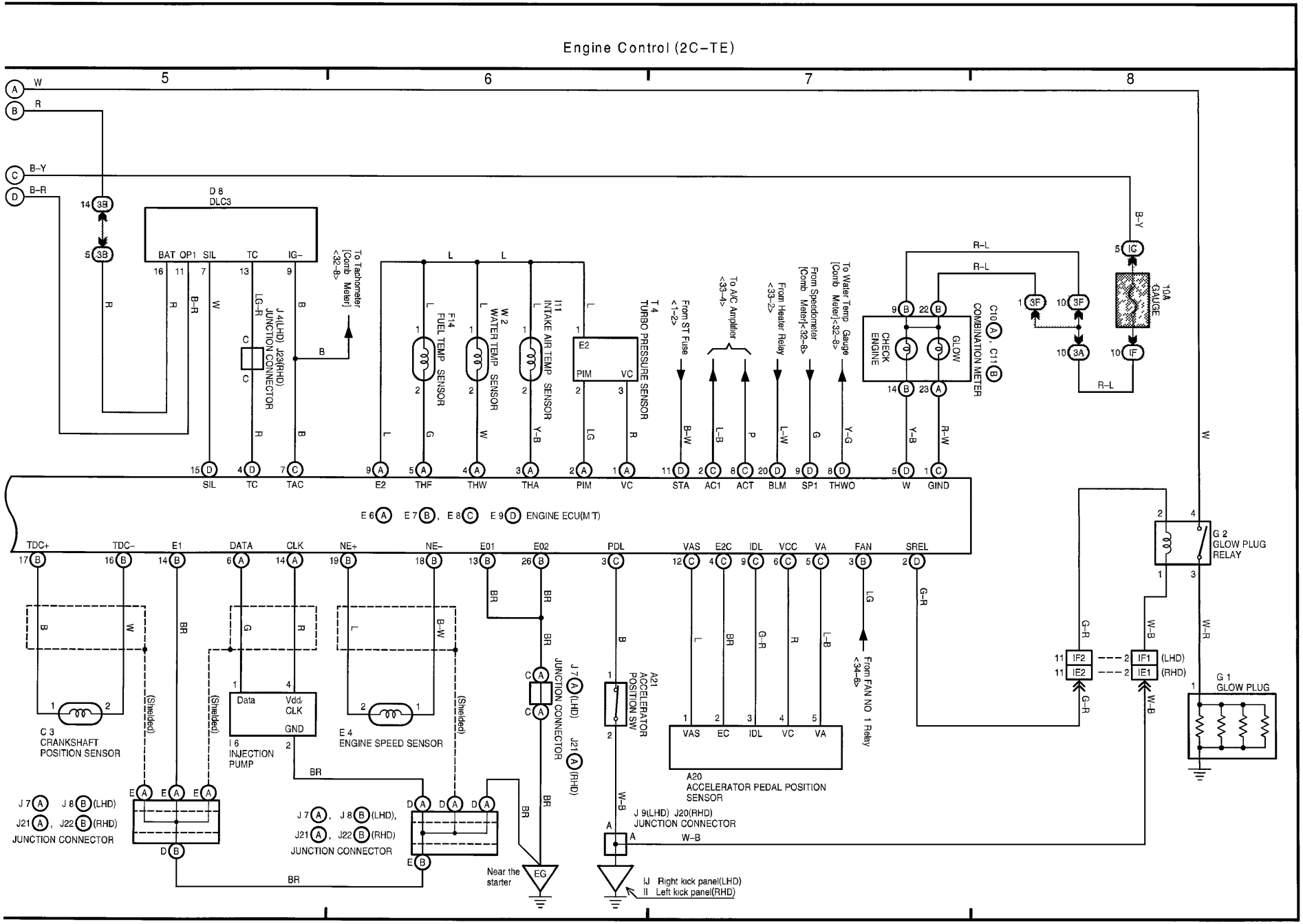



Engine Control (4A–FE General Stoichiometric Type)
5
6
7
8
B–Y
L
Y–B
W
P
R
B–W
R–G
L–B
Y–G
G
BR
B–R
I11 INTAKE AIR TEMP SENSOR
W 2 WATER TEMP SENSOR
V 1 VACUUM SENSOR
T 2 THROTTLE POSITION SENSOR
V 2 VARIABLE RESISTOR
From ST Fuse <1–2>
From Neutral Start SW<1–2>
To A/C Amplifier <33–4>
To Water Temp Gauge [Comb. Meter] <32–8>
From Speedometer [Comb. Meter] <32–8>
10A GAUGE
IF2 (LHD)
IE2 (RHD)
E2
THA
THW
PIM
VC
VTA
VAF
NSW
STA
ACT
AC1
THWO
SPD
E 6 (A), E 7 (B) E 8 (C) ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
IGT
IGF
NE–
NE+
G1
KNK
RSO
R/P
E01
E02
E1
(Shielded)
From IIA<2–3>
J 7 (A) (LHD), J21 (A) (RHD) JUNCTION CONNECTOR
K 1 KNOCK SENSOR
I12 ISC VALVE
J 7 (A), J 8 (B) (LHD), J21 (A), J22 (B) (RHD) JUNCTION CONNECTOR
FUEL CONTROL CONNECTOR
F22 (A) F28 (B)
C11 COMBINATION METER
CHECK ENGINE
EE Under the intake manifold

K

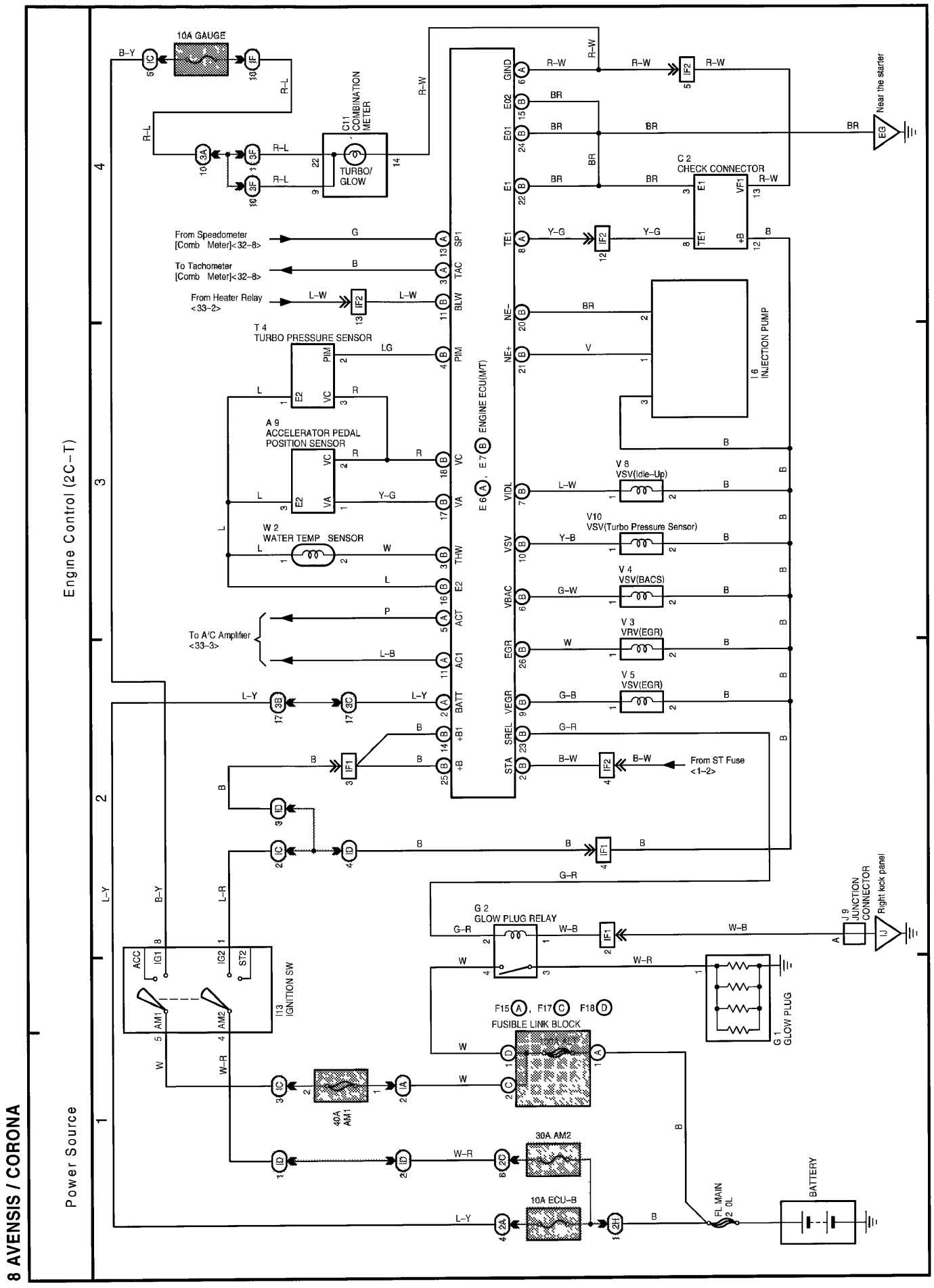
K OVERALL ELECTRICAL WIRING DIAGRAM

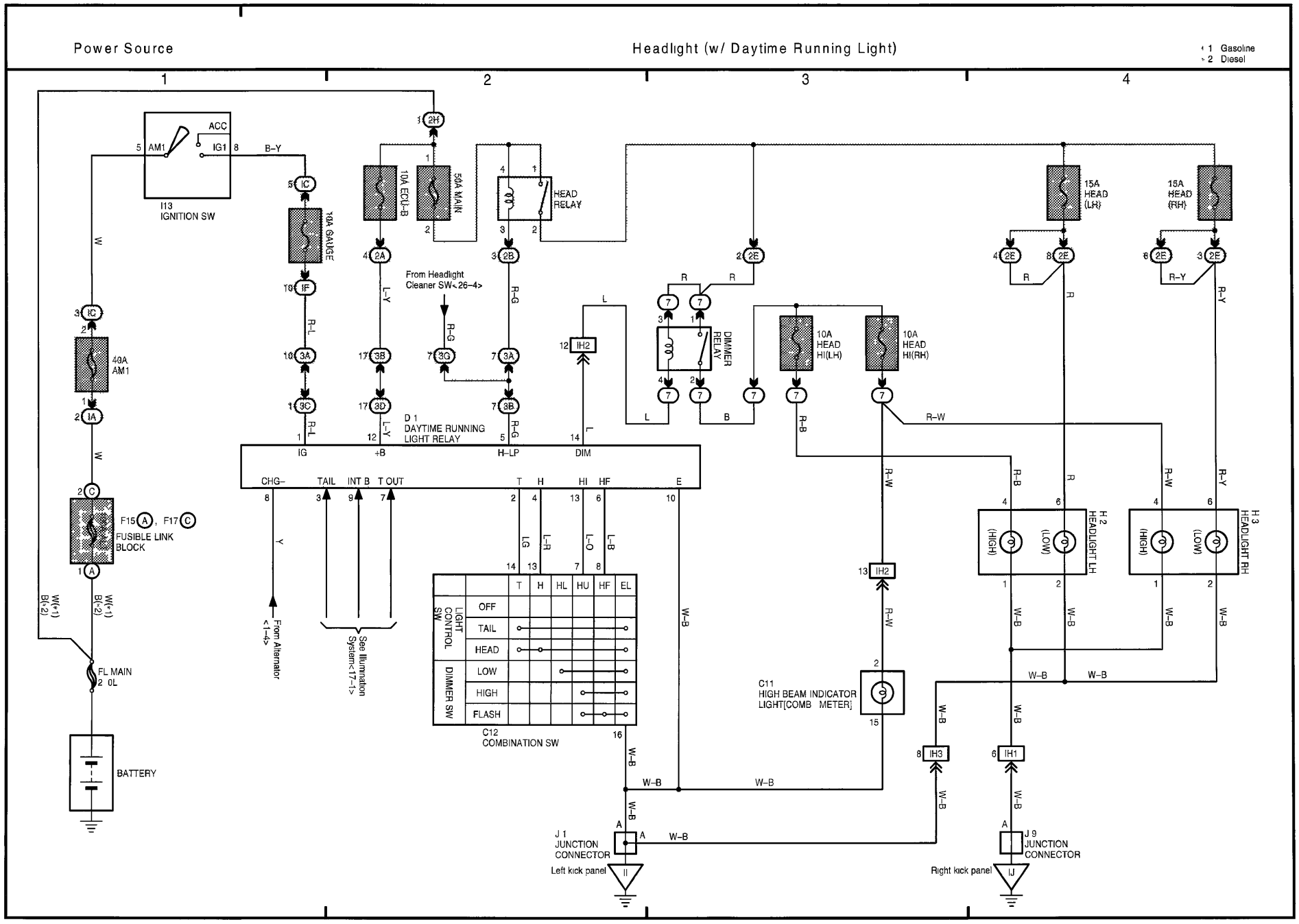



Engine Control (2C-TE)
5
6
7
8
D 8
DLC3
BAT OP1 SIL TC IG-
To Tachometer [Comb Meter] <32-8>
J 4(LHD) J23(RHD) JUNCTION CONNECTOR
F14 FUEL TEMP SENSOR
W 2 WATER TEMP SENSOR
I11 INTAKE AIR TEMP SENSOR
T 4 TURBO PRESSURE SENSOR
From ST Fuse <1-2>
To A/C Amplifier <33-4>
From Heater Relay <33-2>
From Speedometer [Comb Meter]<32-8>
To Water Temp. Gauge [Comb Meter]<32-8>
CHECK ENGINE
GLOW
COMBINATION METER
10A GAUGE
SIL TC TAC E2 THF THW THA PIM VC STA AC1 ACT BLM SP1 THWO W GIND
E 6 E 7 E 8 E 9 ENGINE ECU(M/T)
TDC+ TDC- E1 DATA CLK NE+ NE- E01 E02 PDL VAS E2C IDL VCC VA FAN SREL
C 3 CRANKSHAFT POSITION SENSOR
I 6 INJECTION PUMP
Data Vdd/ CLK GND
E 4 ENGINE SPEED SENSOR
(Shielded)
J 7 J 8 (LHD) J21 J22 (RHD) JUNCTION CONNECTOR
J 7 (LHD) J21 (RHD) JUNCTION CONNECTOR
A21 ACCELERATOR POSITION SW
A20 ACCELERATOR PEDAL POSITION SENSOR
VAS EC IDL VC VA
From FAN NO. 1 Relay <34-8>
J 9(LHD) J20(RHD) JUNCTION CONNECTOR
Near the starter
EG
IJ Right kick panel(LHD)
IL Left kick panel(RHD)
G 2 GLOW PLUG RELAY
IF1 (LHD) IE1 (RHD)
IF2 IE2
G 1 GLOW PLUG

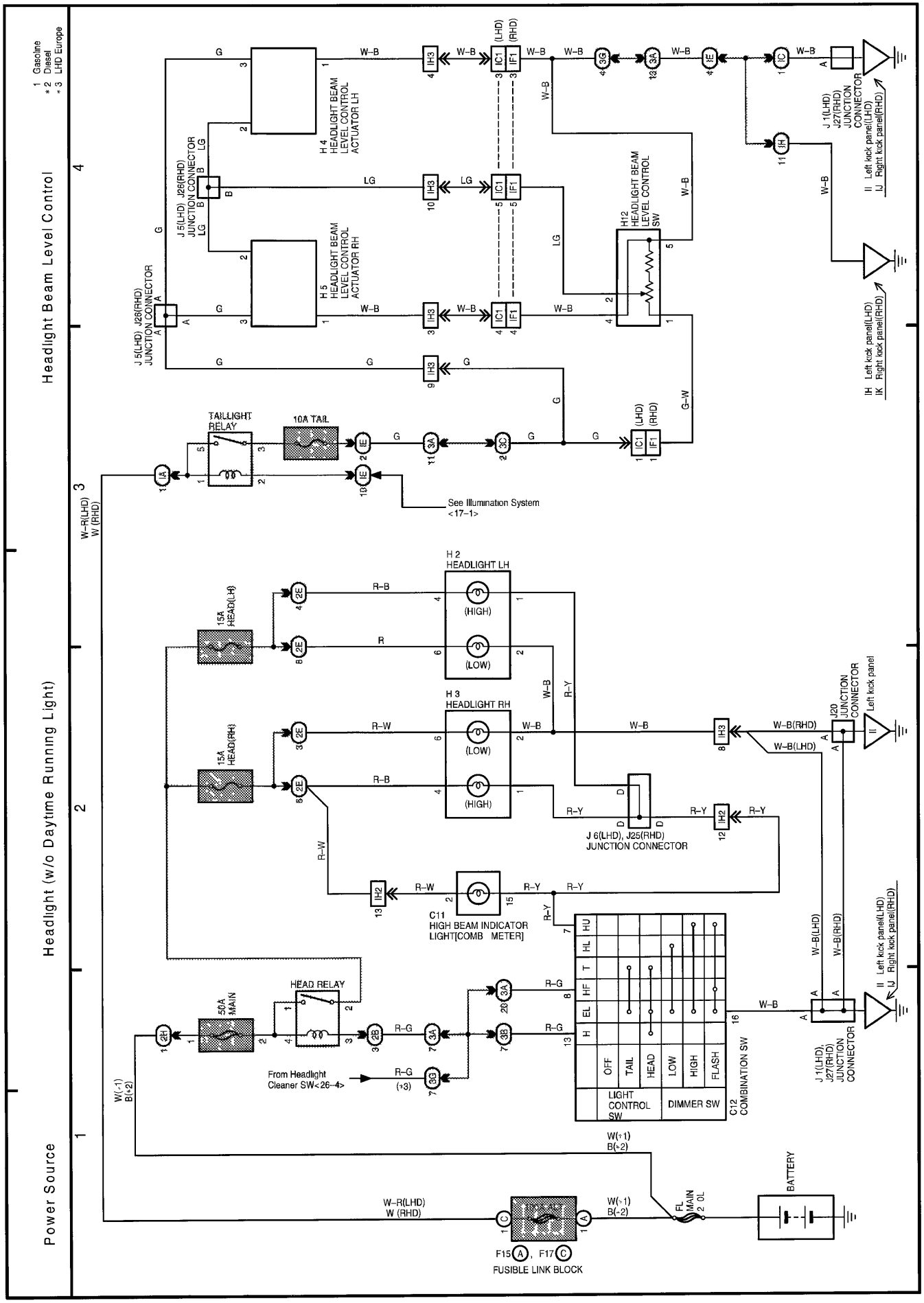
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K OVERALL ELECTRICAL WIRING DIAGRAM

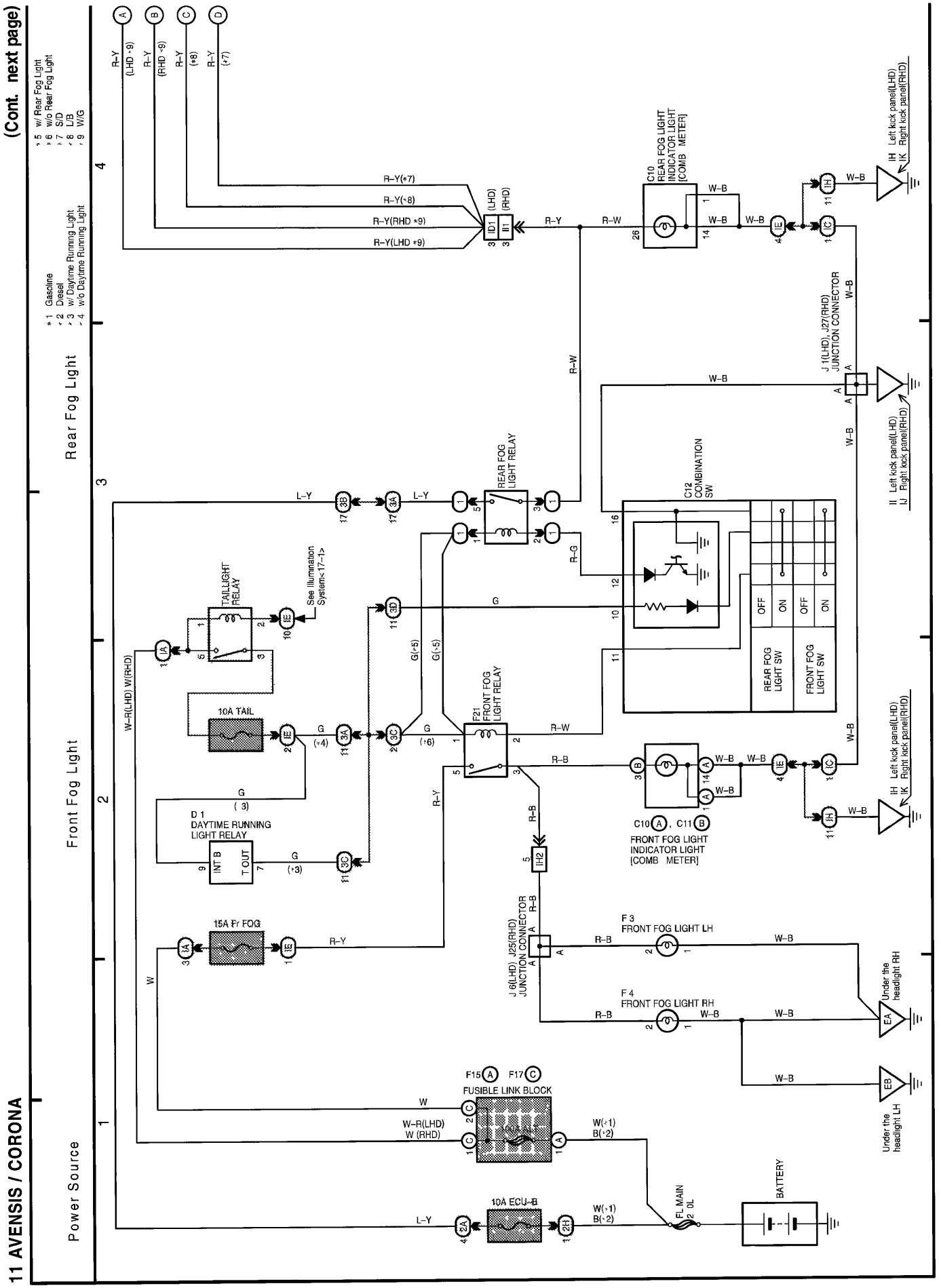


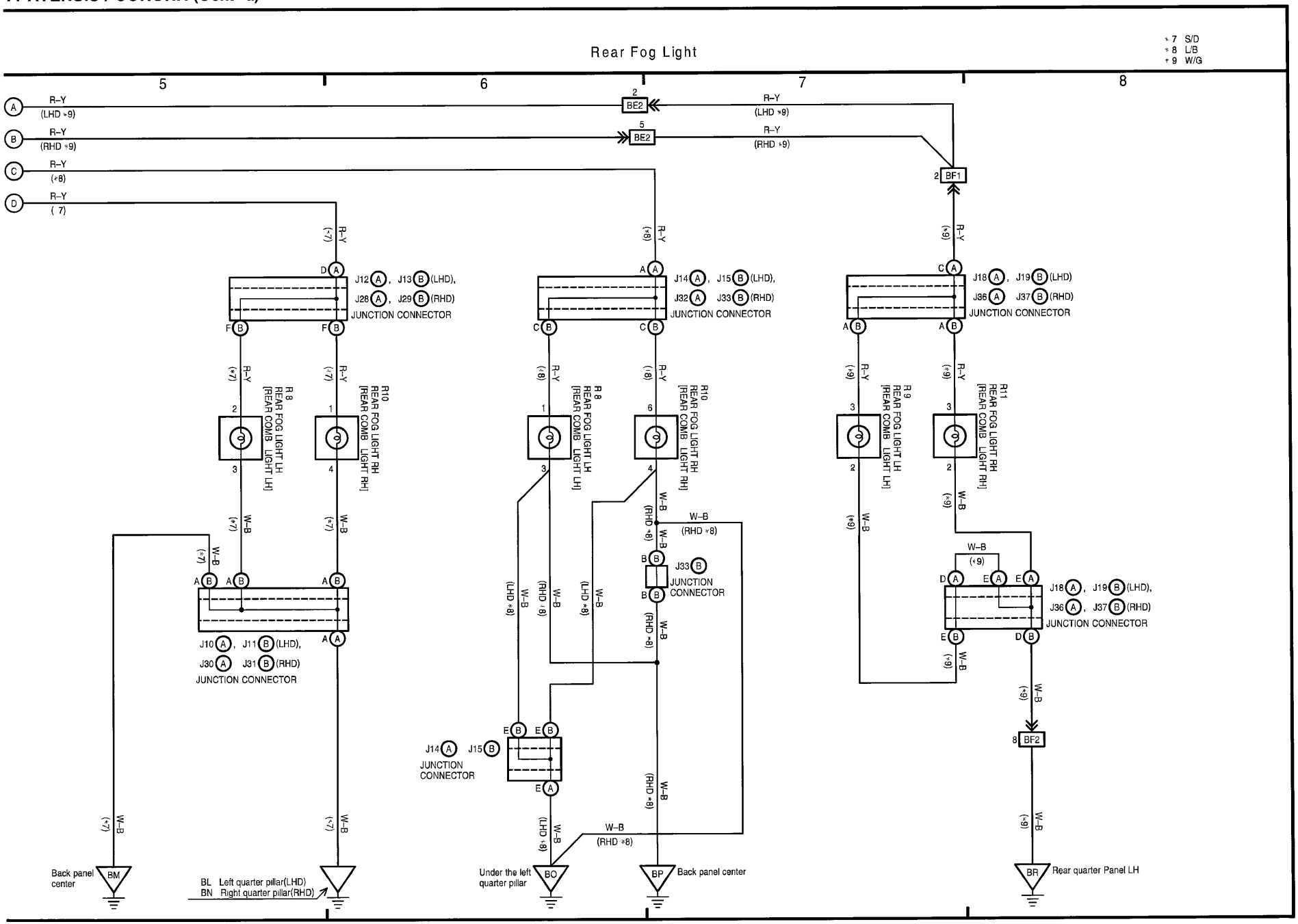

Power Source
Headlight (w/ Daytime Running Light)
1 Gasoline
2 Diesel
1
2
3
4
I13
IGNITION SW
ACC
AM1
IG1
B-Y
10A GAUGE
10A ECU-B
50A MAIN
HEAD RELAY
15A HEAD (LH)
15A HEAD (RH)
40A AM1
From Headlight Cleaner SW<26-4>
10A HEAD HI(LH)
10A HEAD HI(RH)
DIMMER RELAY
D 1
DAYTIME RUNNING LIGHT RELAY
IG
+B
H-LP
DIM
CHG-
TAIL
INT B
T OUT
FUSIBLE LINK BLOCK
F15 A , F17 C
FL MAIN
BATTERY
From Alternator <1-4>
See Illumination System<17-1>
C12
COMBINATION SW
LIGHT CONTROL SW
DIMMER SW
OFF
TAIL
HEAD
LOW
HIGH
FLASH
C11
HIGH BEAM INDICATOR LIGHT[COMB METER]
H2
HEADLIGHT LH
H3
HEADLIGHT RH
(HIGH)
(LOW)
J 1
JUNCTION CONNECTOR
Left kick panel
J 9
JUNCTION CONNECTOR
Right kick panel

K OVERALL ELECTRICAL WIRING DIAGRAM

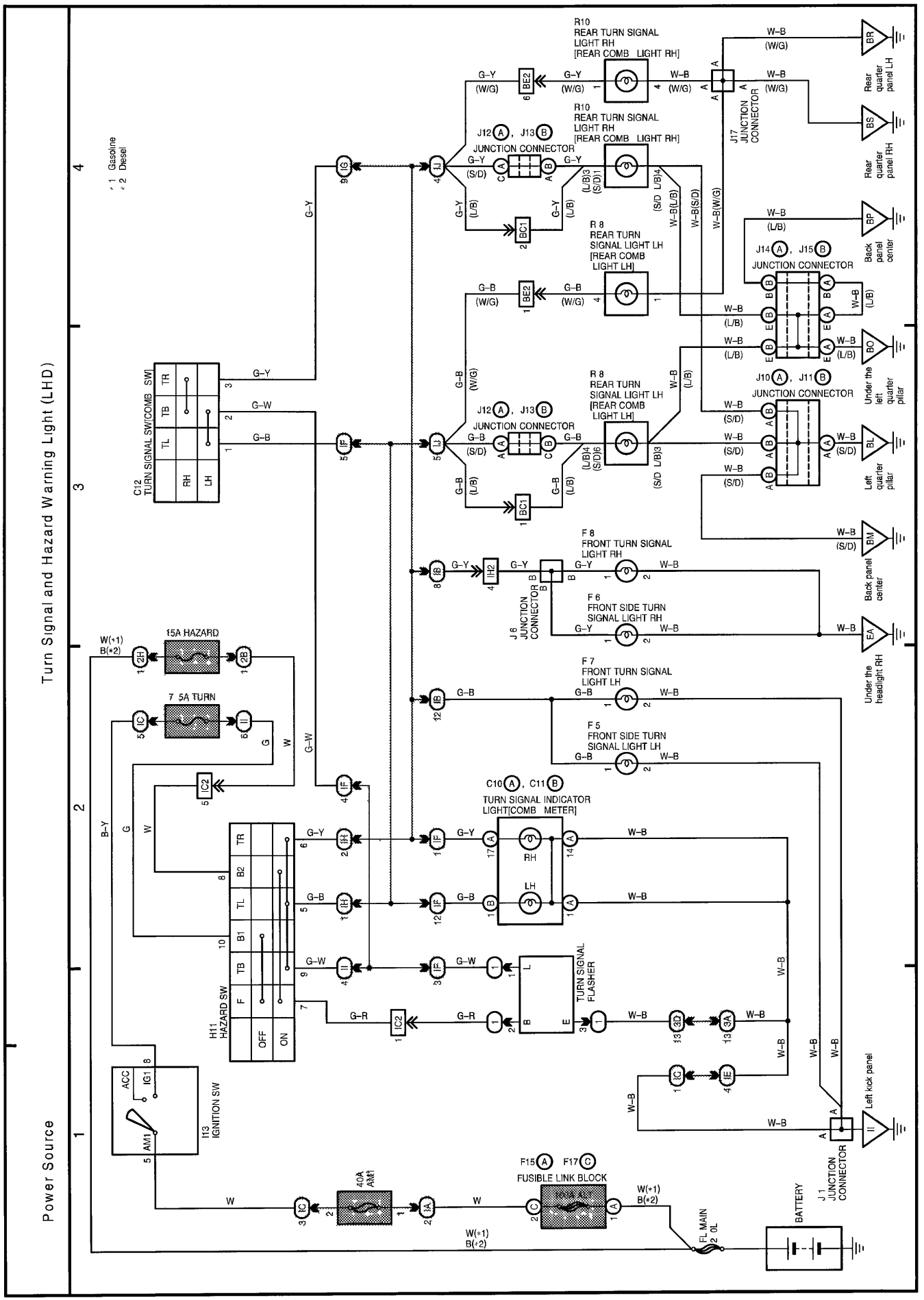


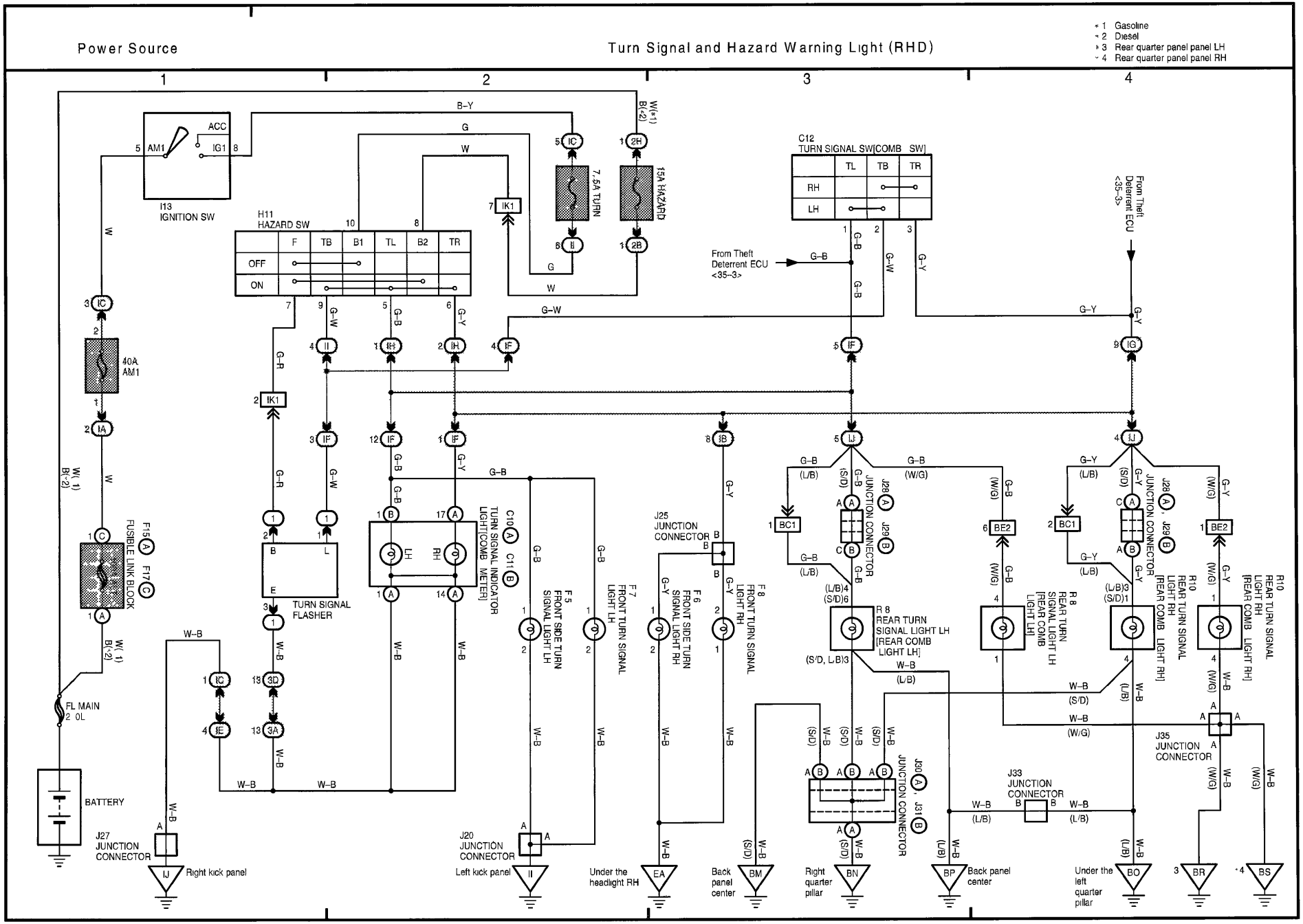
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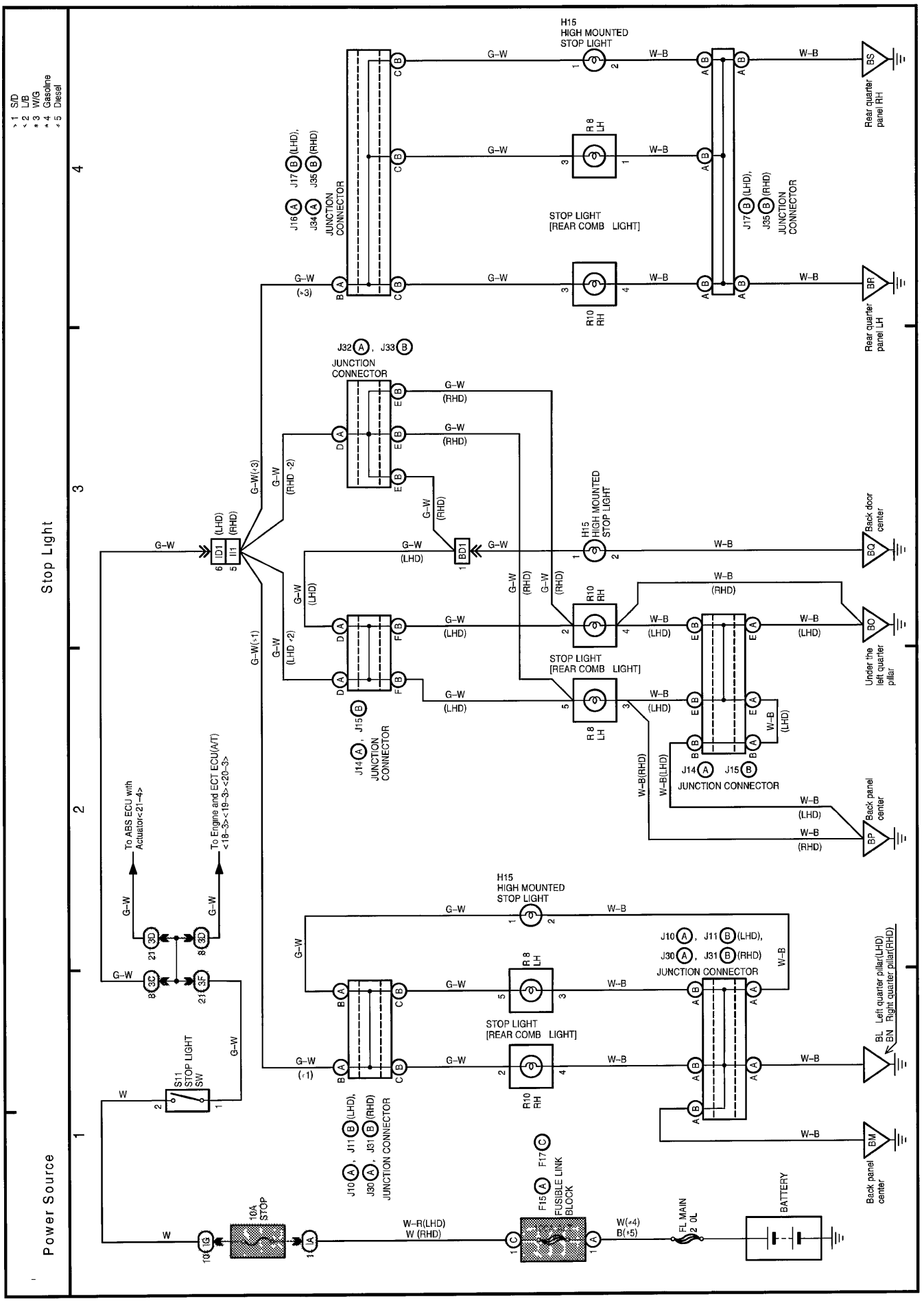



Rear Fog Light
*7 S/D
*8 L/B
*9 W/G
5
6
7
8
A R-Y (LHD *9)
B R-Y (RHD *9)
C R-Y (*8)
D R-Y (7)
BE2
BF1
J12 A , J13 B (LHD), J28 A , J29 B (RHD) JUNCTION CONNECTOR
J14 A , J15 B (LHD), J32 A J33 B (RHD) JUNCTION CONNECTOR
J18 A , J19 B (LHD) J36 A J37 B (RHD) JUNCTION CONNECTOR
R8 REAR FOG LIGHT LH [REAR COMB LIGHT LH]
R10 REAR FOG LIGHT RH [REAR COMB LIGHT RH]
R9 REAR FOG LIGHT LH [REAR COMB LIGHT LH]
R11 REAR FOG LIGHT RH [REAR COMB LIGHT RH]
J10 A , J11 B (LHD), J30 A J31 B (RHD) JUNCTION CONNECTOR
J33 B JUNCTION CONNECTOR
J14 A J15 B JUNCTION CONNECTOR
J18 A , J19 B (LHD), J36 A , J37 B (RHD) JUNCTION CONNECTOR
BM Back panel center
BL Left quarter pillar(LHD)
BN Right quarter pillar(RHD)
BO Under the left quarter pillar
BP Back panel center
BR Rear quarter Panel LH

K OVERALL ELECTRICAL WIRING DIAGRAM



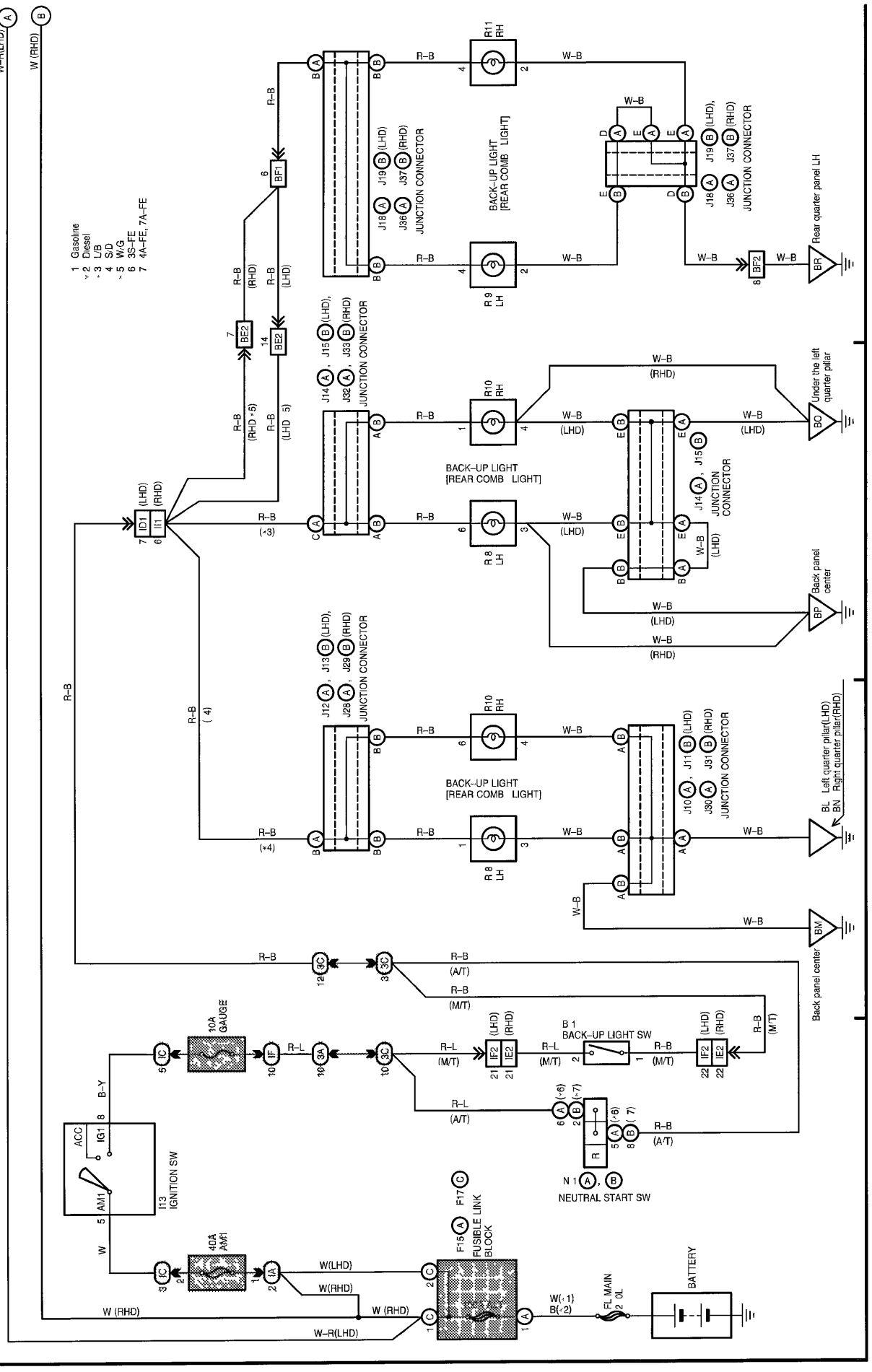

Power Source
Turn Signal and Hazard Warning Light (RHD)
*1 Gasoline
*2 Diesel
*3 Rear quarter panel panel LH
*4 Rear quarter panel panel RH
1
2
3
4
I13 IGNITION SW
ACC
IG1
AM1
H11 HAZARD SW
F TB B1 TL B2 TR
OFF
ON
7.5A TURN
15A HAZARD
40A AM1
FUSIBLE LINK BLOCK
F15
F17
FL MAIN 2 0L
BATTERY
TURN SIGNAL FLASHER
C12 TURN SIGNAL SW[COMB SW]
TL TB TR
RH
LH
From Theft Deterrent ECU <35-3>
From Theft Deterrent ECU <35-3>
TURN SIGNAL INDICATOR LIGHT[COMB METER]
C10
C11
F5 FRONT SIDE TURN SIGNAL LIGHT LH
F7 FRONT TURN SIGNAL LIGHT LH
J25 JUNCTION CONNECTOR
F6 FRONT SIDE TURN SIGNAL LIGHT RH
F8 FRONT TURN SIGNAL LIGHT RH
J28
J29
JUNCTION CONNECTOR
R 8 REAR TURN SIGNAL LIGHT LH [REAR COMB LIGHT LH]
R 8 REAR TURN SIGNAL LIGHT LH [REAR COMB LIGHT LH]
R10 REAR TURN SIGNAL LIGHT RH [REAR COMB LIGHT RH]
R10 REAR TURN SIGNAL LIGHT RH [REAR COMB LIGHT RH]
J30
J31
J33 JUNCTION CONNECTOR
J35 JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
J20 JUNCTION CONNECTOR
Right kick panel
Left kick panel
Under the headlight RH
Back panel center
Right quarter pillar
Back panel center
Under the left quarter pillar

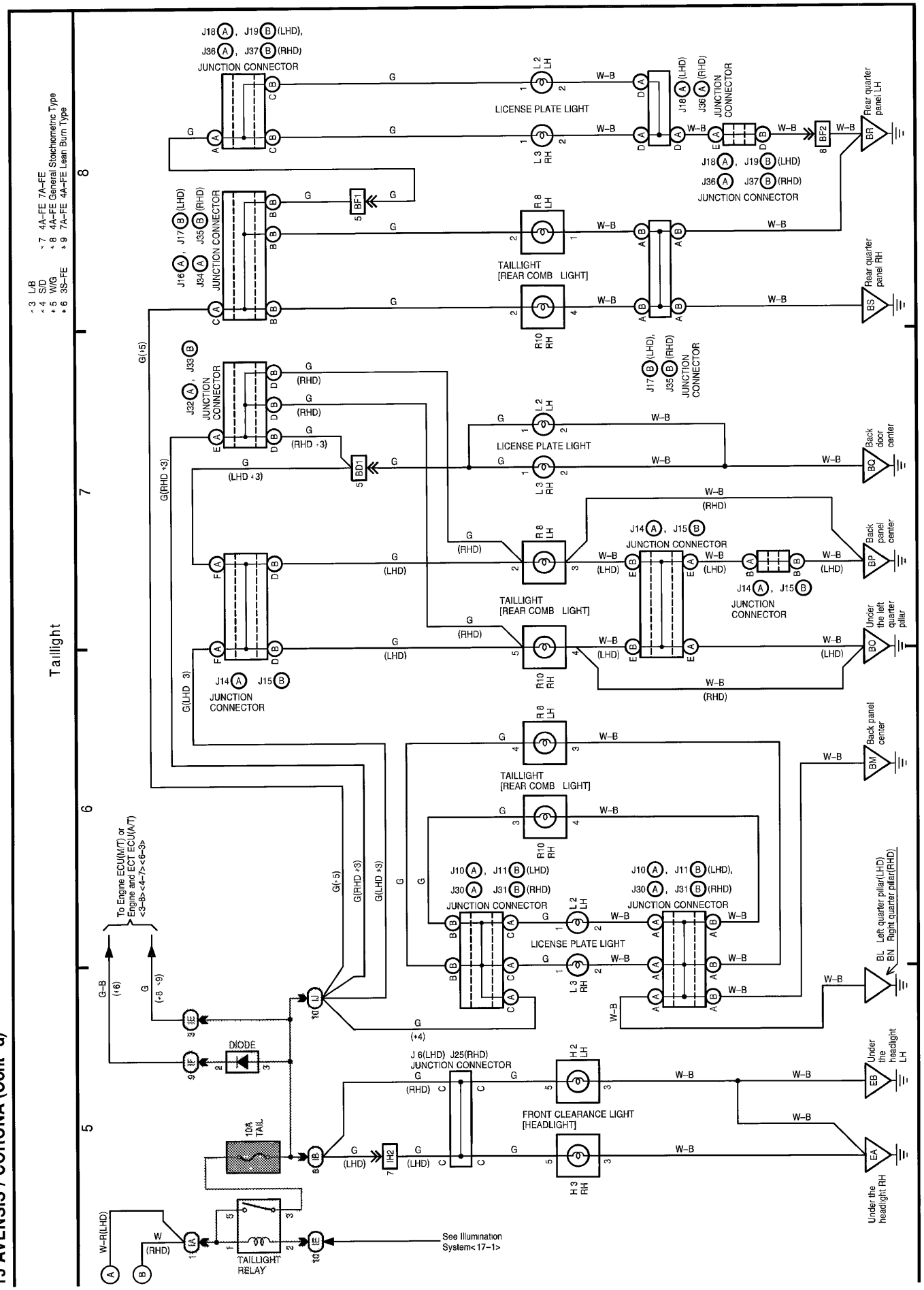

14 AVENSIS / CORONA
Power Source
Stop Light
1
2
3
4
*1 S/D
*2 L/B
*3 W/G
*4 Gasoline
*5 Diesel
H15 HIGH MOUNTED STOP LIGHT
STOP LIGHT [REAR COMB LIGHT]
JUNCTION CONNECTOR
J16 J34 J17 (LHD) J35 (RHD)
J32 J33
J14 J15
J10 J11 (LHD) J31 (RHD) J30
R8 LH
R10 RH
ID1 II1 BD1
S11 STOP LIGHT SW
10A STOP
F15 F17 FUSIBLE LINK BLOCK
FL MAIN 2 0L
BATTERY
To ABS ECU with Actuator<21-4>
To Engine and ECT ECU(A/T) <18-3><19-3><20-3>
Rear quarter panel RH
Rear quarter panel LH
Back door center
Under the left quarter pillar
Back panel center
Left quarter pillar(LHD)
Right quarter pillar(RHD)
G-W
W-B
W
W-R(LHD)
W (RHD)
W(*4)
B(*5)
G-W(*1)
G-W(*3)
G-W (LHD)
G-W (RHD)
W-B (LHD)
W-B (RHD)
W-B(RHD)
W-B(LHD)

MEMO

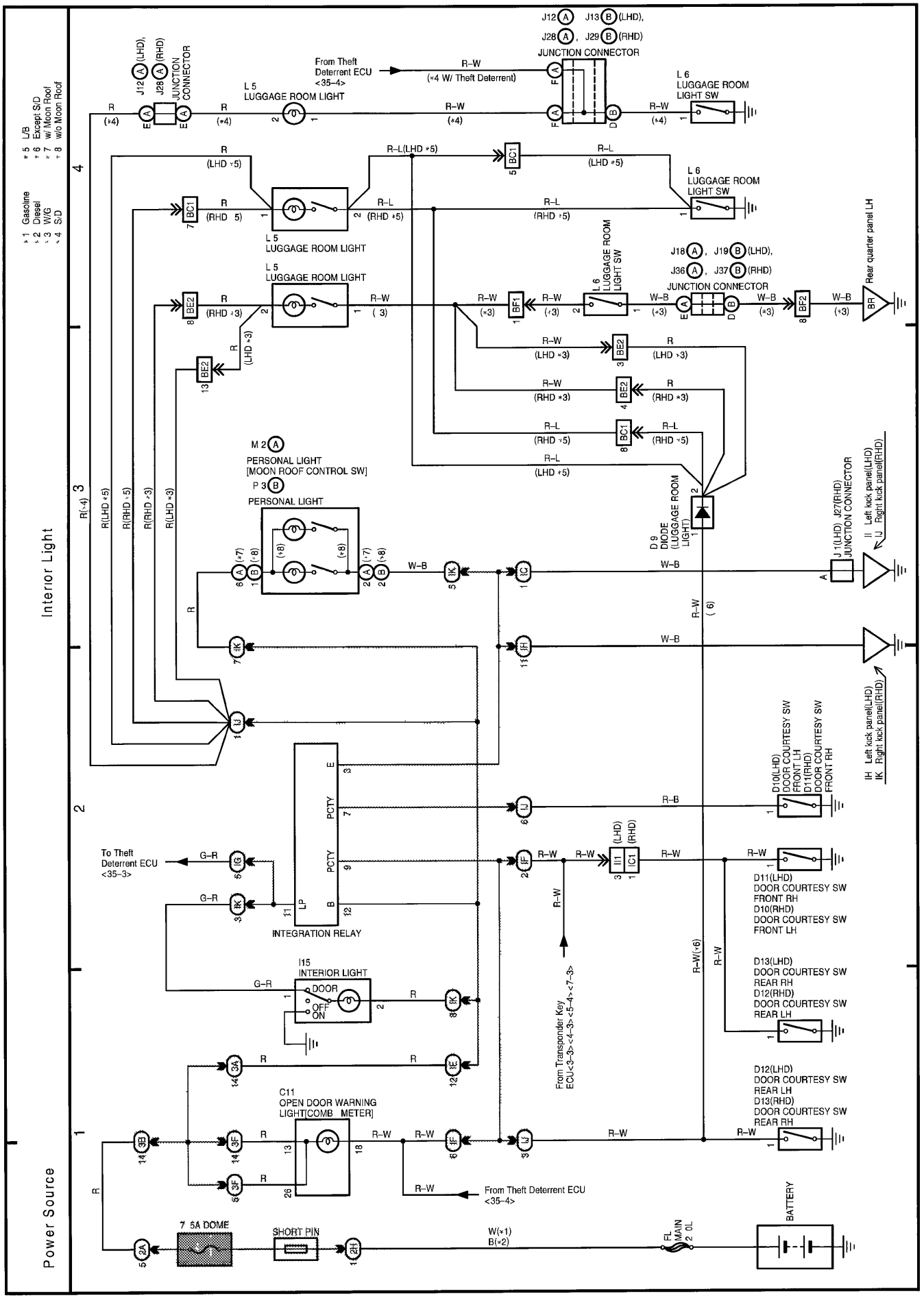
K OVERALL ELECTRICAL WIRING DIAGRAM

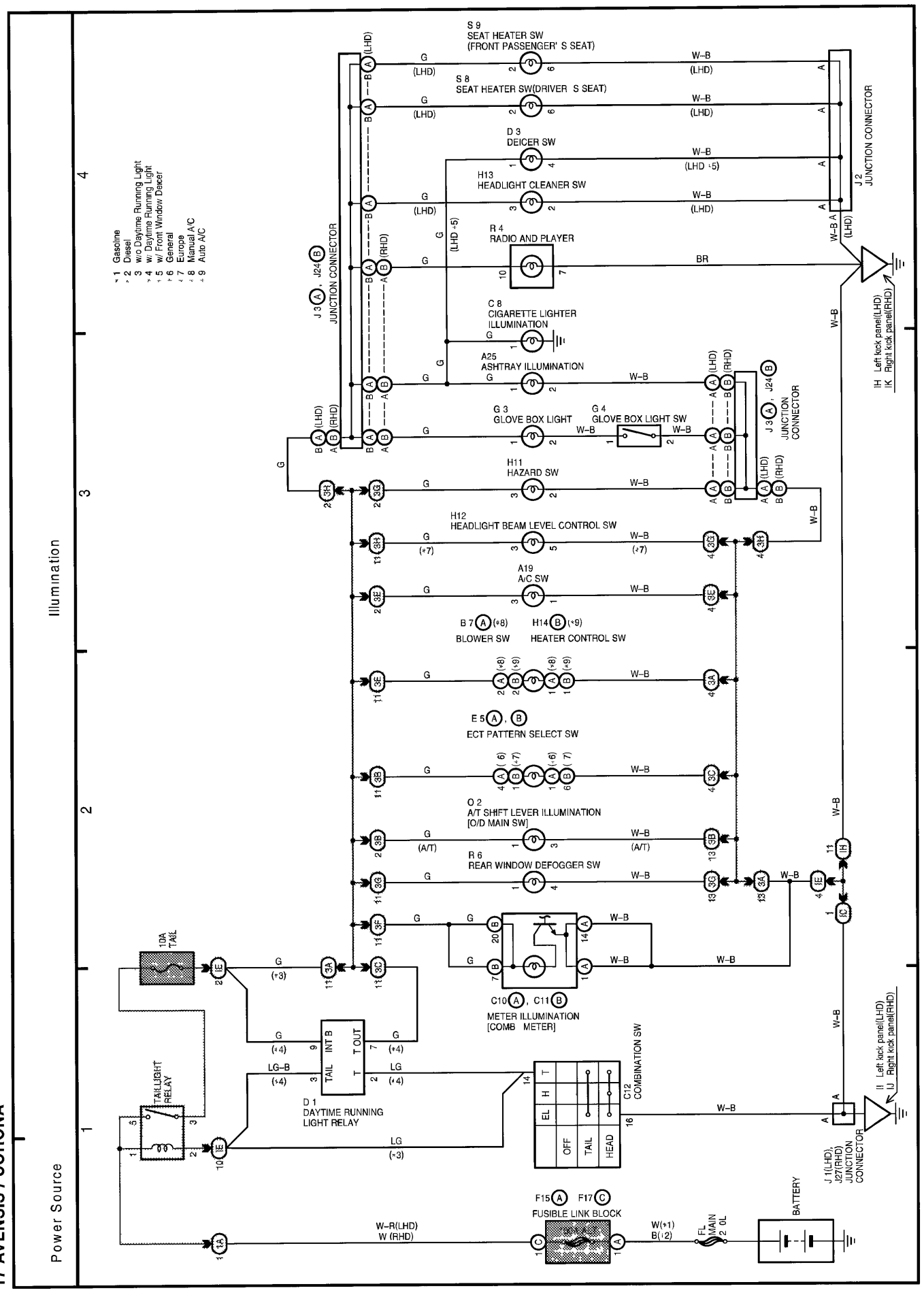
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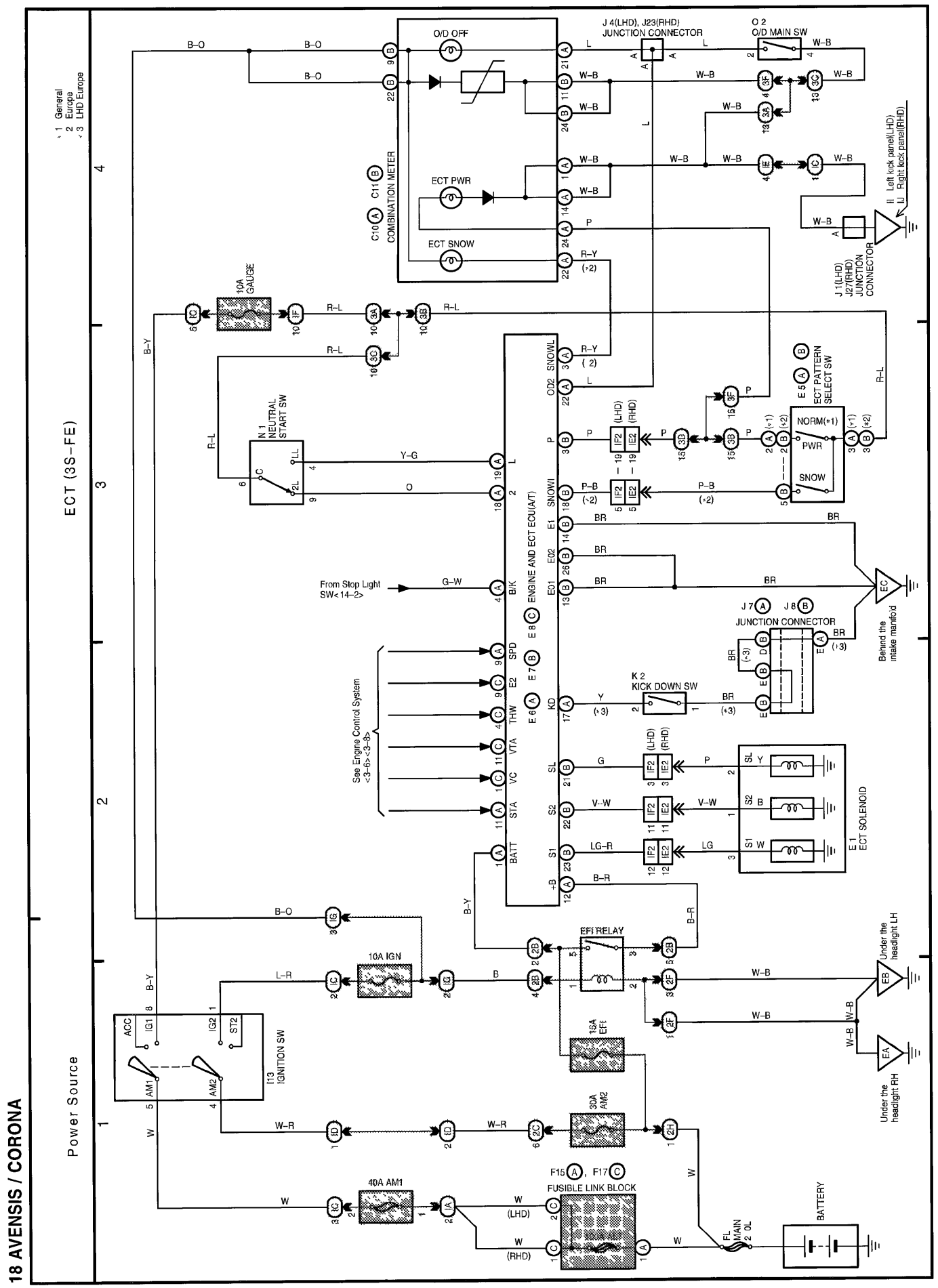


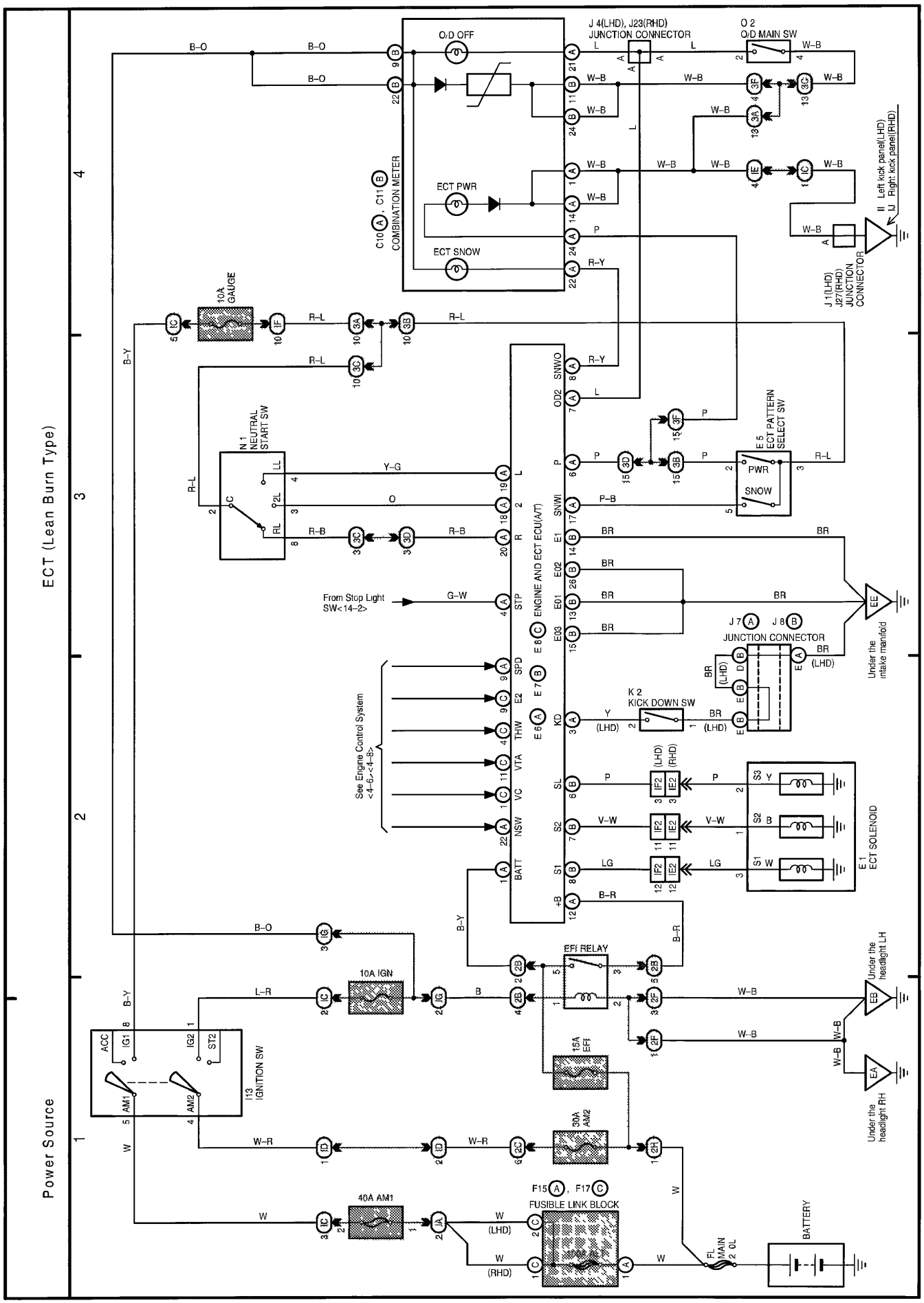

Taillight
*3 L/B
*4 S/D
*5 W/G
*6 3S–FE
*7 4A–FE 7A–FE
*8 4A–FE General Stoichiometric Type
*9 7A–FE 4A–FE Lean Burn Type
J18 A , J19 B (LHD),
J36 A , J37 B (RHD)
JUNCTION CONNECTOR
LICENSE PLATE LIGHT
L2 LH
L3 RH
J18 A (LHD)
J36 A (RHD)
JUNCTION CONNECTOR
Rear quarter panel LH
BF2
BR
J18 A , J19 B (LHD)
J36 A J37 B (RHD)
JUNCTION CONNECTOR
J16 A , J17 B (LHD)
J34 A , J35 B (RHD)
JUNCTION CONNECTOR
BF1
R8 LH
TAILLIGHT
[REAR COMB LIGHT]
R10 RH
Rear quarter panel RH
BS
J17 B (LHD),
J35 B (RHD)
JUNCTION CONNECTOR
J32 A , J33 B
JUNCTION CONNECTOR
(RHD)
(RHD *3)
(LHD *3)
BD1
Back door center
BQ
J14 A , J15 B
JUNCTION CONNECTOR
Back panel center
BP
Under the left quarter pillar
BO
J14 A J15 B
JUNCTION CONNECTOR
Back panel center
BM
J10 A , J11 B (LHD)
J30 A J31 B (RHD)
JUNCTION CONNECTOR
J10 A , J11 B (LHD),
J30 A , J31 B (RHD)
JUNCTION CONNECTOR
Left quarter pillar(LHD)
Right quarter pillar(RHD)
BL
BN
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3–8><4–7><6–3>
DIODE
1E
J 6(LHD) J25(RHD)
JUNCTION CONNECTOR
H2 LH
H3 RH
FRONT CLEARANCE LIGHT
[HEADLIGHT]
Under the headlight LH
EB
Under the headlight RH
EA
10A TAIL
1B
1H2
W–R(LHD)
W (RHD)
1A
TAILLIGHT RELAY
1E
See Illumination System<17–1>
G(*5)
G(RHD *3)
G(LHD *3)
G–B (*6)
G (*8 *9)
G (*4)
W–B
G
G(*5)
G(RHD *3)
G(LHD 3)

K OVERALL ELECTRICAL WIRING DIAGRAM

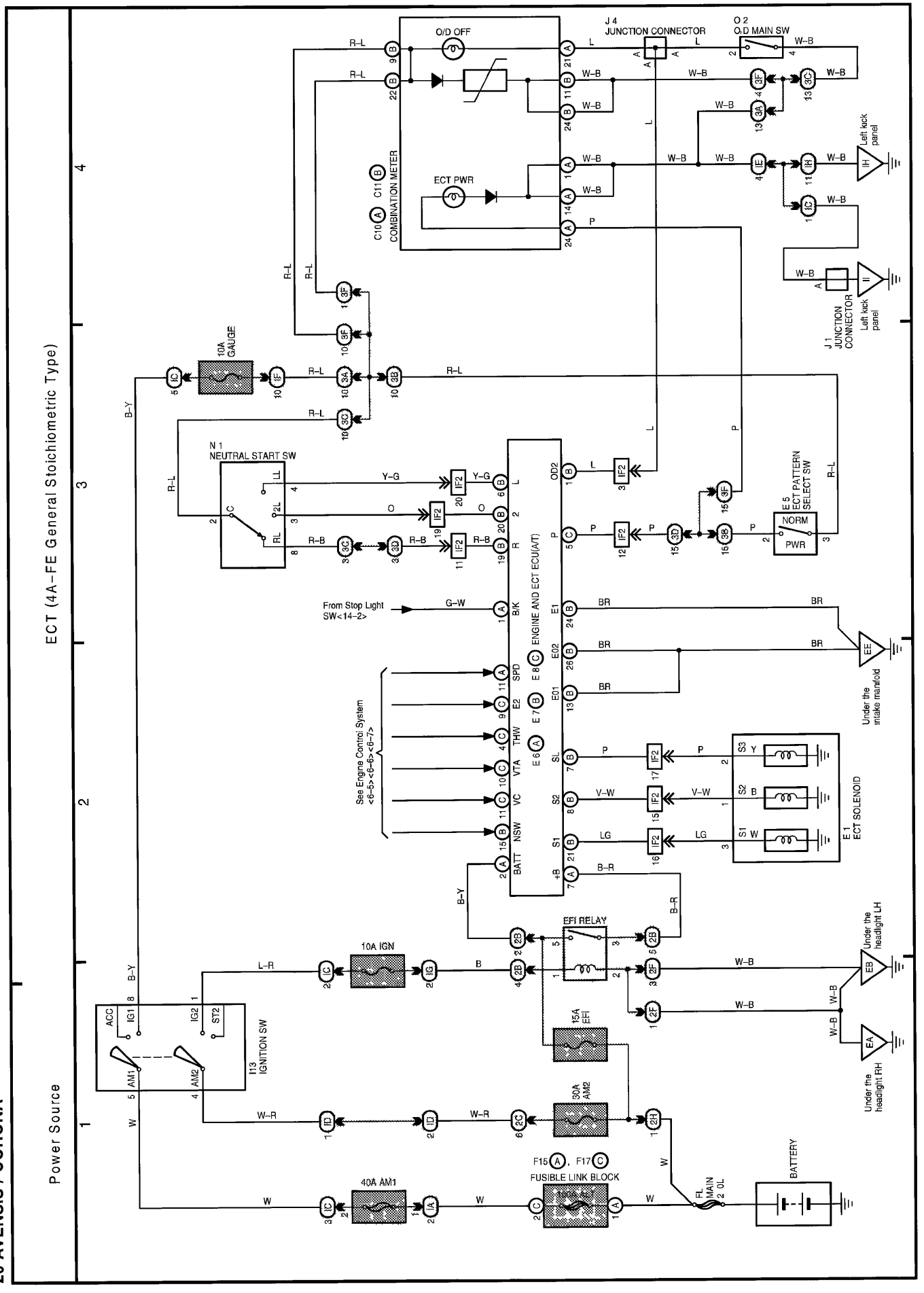


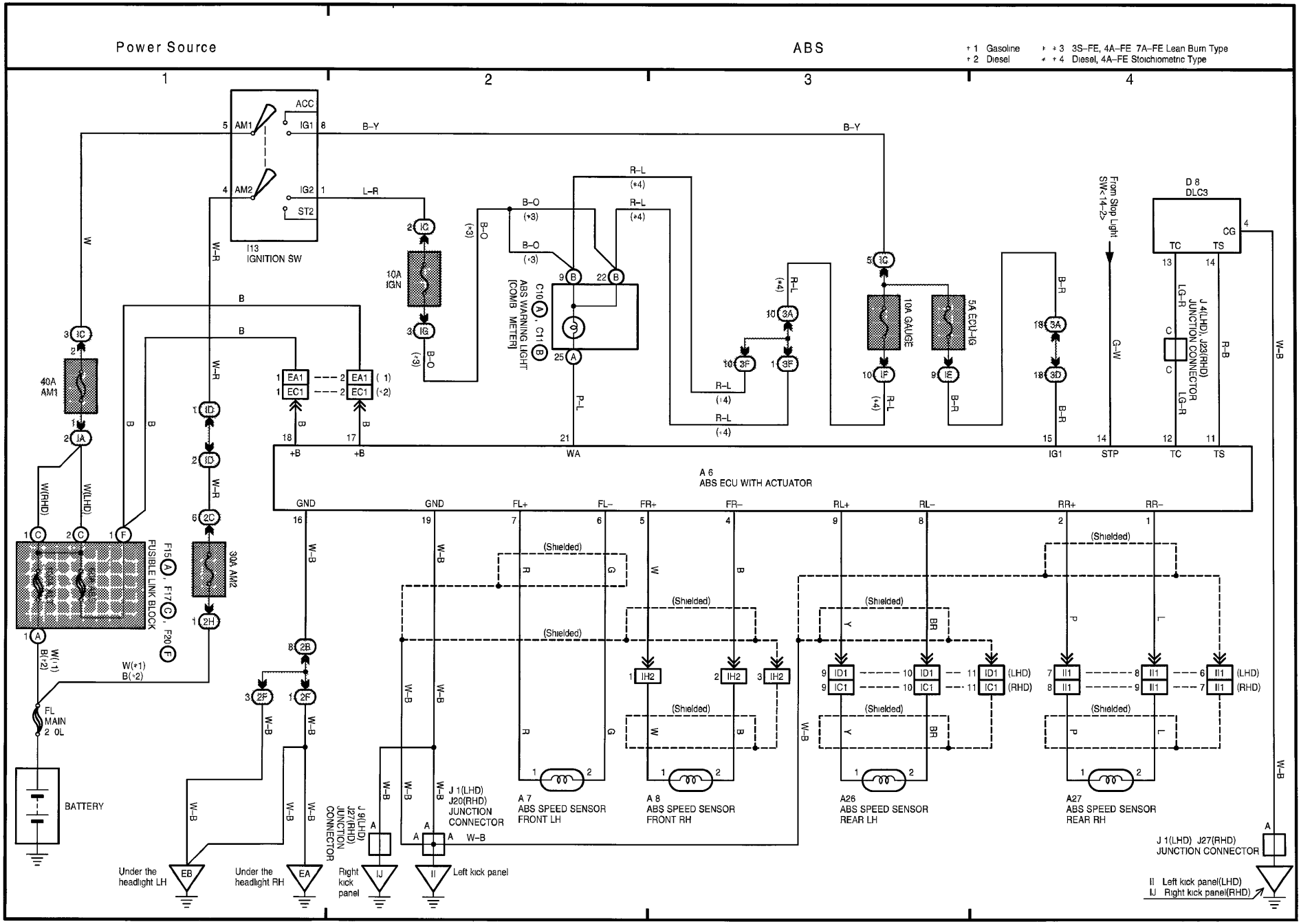

Power Source
Illumination
1 2 3 4
*1 Gasoline
*2 Diesel
*3 w/o Daytime Running Light
*4 w/ Daytime Running Light
*5 w/ Front Window Deicer
*6 General
*7 Europe
*8 Manual A/C
*9 Auto A/C
S 9
SEAT HEATER SW
(FRONT PASSENGER' S SEAT)
S 8
SEAT HEATER SW(DRIVER S SEAT)
D 3
DEICER SW
H13
HEADLIGHT CLEANER SW
R 4
RADIO AND PLAYER
C 8
CIGARETTE LIGHTER
ILLUMINATION
A25
ASHTRAY ILLUMINATION
G 3
GLOVE BOX LIGHT
G 4
GLOVE BOX LIGHT SW
H11
HAZARD SW
H12
HEADLIGHT BEAM LEVEL CONTROL SW
A19
A/C SW
B 7 (*8) H14 (*9)
BLOWER SW HEATER CONTROL SW
E 5
ECT PATTERN SELECT SW
O 2
A/T SHIFT LEVER ILLUMINATION
[O/D MAIN SW]
R 6
REAR WINDOW DEFOGGER SW
C10, C11
METER ILLUMINATION
[COMB METER]
C12
COMBINATION SW
OFF
TAIL
HEAD
D 1
DAYTIME RUNNING
LIGHT RELAY
TAILLIGHT
RELAY
INT B
T OUT
TAIL
J 2
JUNCTION CONNECTOR
J 3, J24
JUNCTION CONNECTOR
J1(LHD),
J27(RHD)
JUNCTION
CONNECTOR
F15 F17
FUSIBLE LINK BLOCK
BATTERY
FL
MAIN
2.0L
IH Left kick panel(LHD)
IK Right kick panel(RHD)
II Left kick panel(LHD)
IJ Right kick panel(RHD)


18 AVENSIS / CORONA
Power Source
ECT (3S-FE)
*1 General
*2 Europe
*3 LHD Europe
O/D OFF
ECT PWR
ECT SNOW
COMBINATION METER
J 4(LHD), J23(RHD) JUNCTION CONNECTOR
O 2 O/D MAIN SW
J 1(LHD) J27(RHD) JUNCTION CONNECTOR
Left kick panel(LHD)
Right kick panel(RHD)
10A GAUGE
N 1 NEUTRAL START SW
ECT PATTERN SELECT SW
NORM(*1)
PWR
SNOW
ENGINE AND ECT ECU(A/T)
From Stop Light SW<14-2>
See Engine Control System <3-6><3-8>
K 2 KICK DOWN SW
JUNCTION CONNECTOR
Behind the intake manifold
EC
E 1 ECT SOLENOID
EFI RELAY
10A IGN
15A EFI
30A AM2
40A AM1
I13 IGNITION SW
ACC
IG1
IG2
ST2
AM1
AM2
F15 A, F17 C FUSIBLE LINK BLOCK
BATTERY
FL MAIN 2 0L
Under the headlight LH
Under the headlight RH
EB
EA

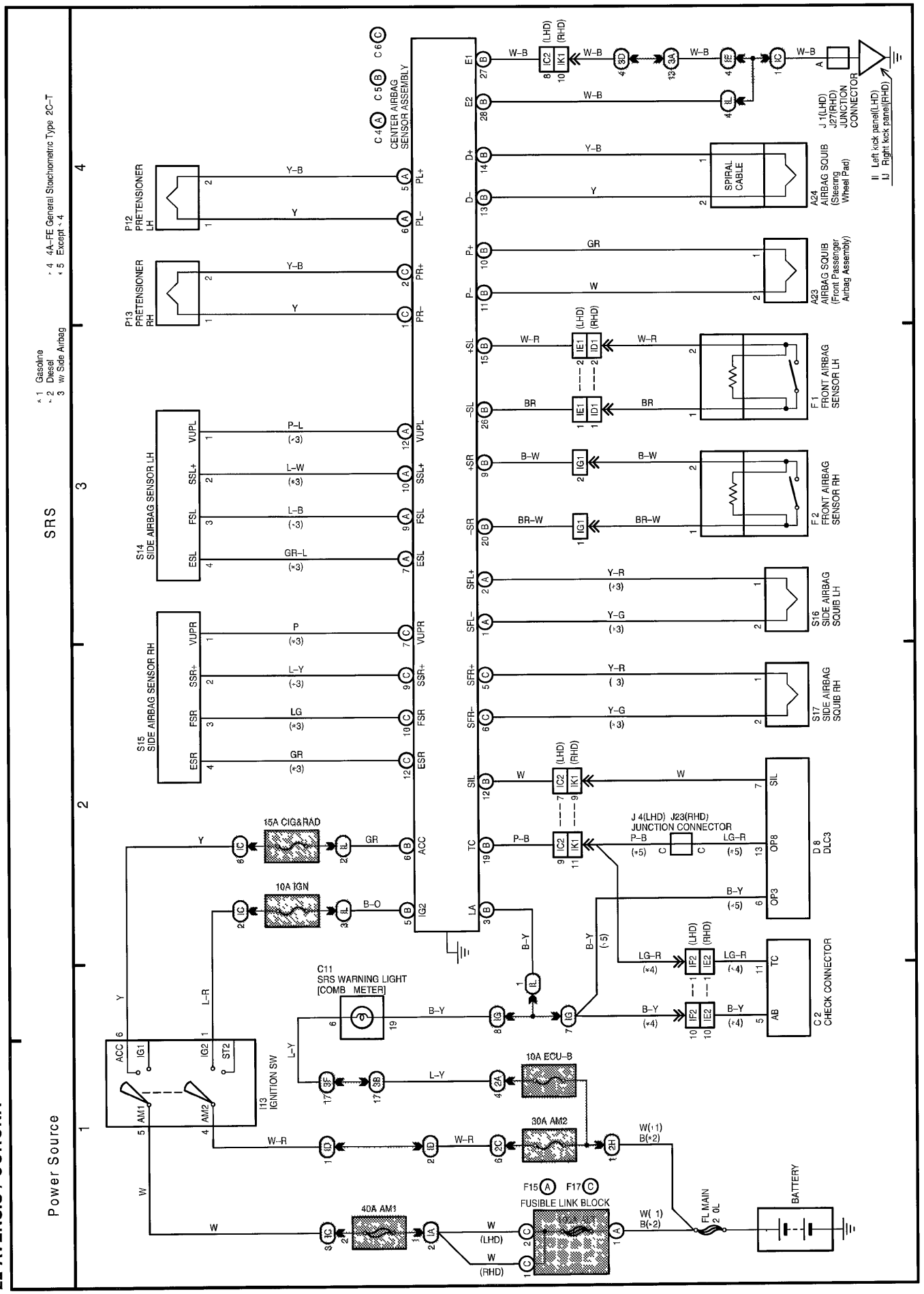

ECT (Lean Burn Type)
Power Source
O/D OFF
ECT PWR
ECT SNOW
C10, C11
COMBINATION METER
J 4(LHD), J23(RHD)
JUNCTION CONNECTOR
O 2
O/D MAIN SW
Left kick panel(LHD)
Right kick panel(RHD)
J1(LHD)
J27(RHD)
JUNCTION CONNECTOR
10A
GAUGE
N 1
NEUTRAL
START SW
E 5
ECT PATTERN
SELECT SW
PWR
SNOW
ENGINE AND ECT ECU(A/T)
From Stop Light
SW<14-2>
See Engine Control System
<4-6><4-8>
K 2
KICK DOWN SW
J 7
J 8
JUNCTION CONNECTOR
Under the
intake manifold
E 1
ECT SOLENOID
EFI RELAY
10A IGN
I13
IGNITION SW
15A
EFI
30A
AM2
40A AM1
F15, F17
FUSIBLE LINK BLOCK
BATTERY
Under the
headlight LH
Under the
headlight RH

K OVERALL ELECTRICAL WIRING DIAGRAM

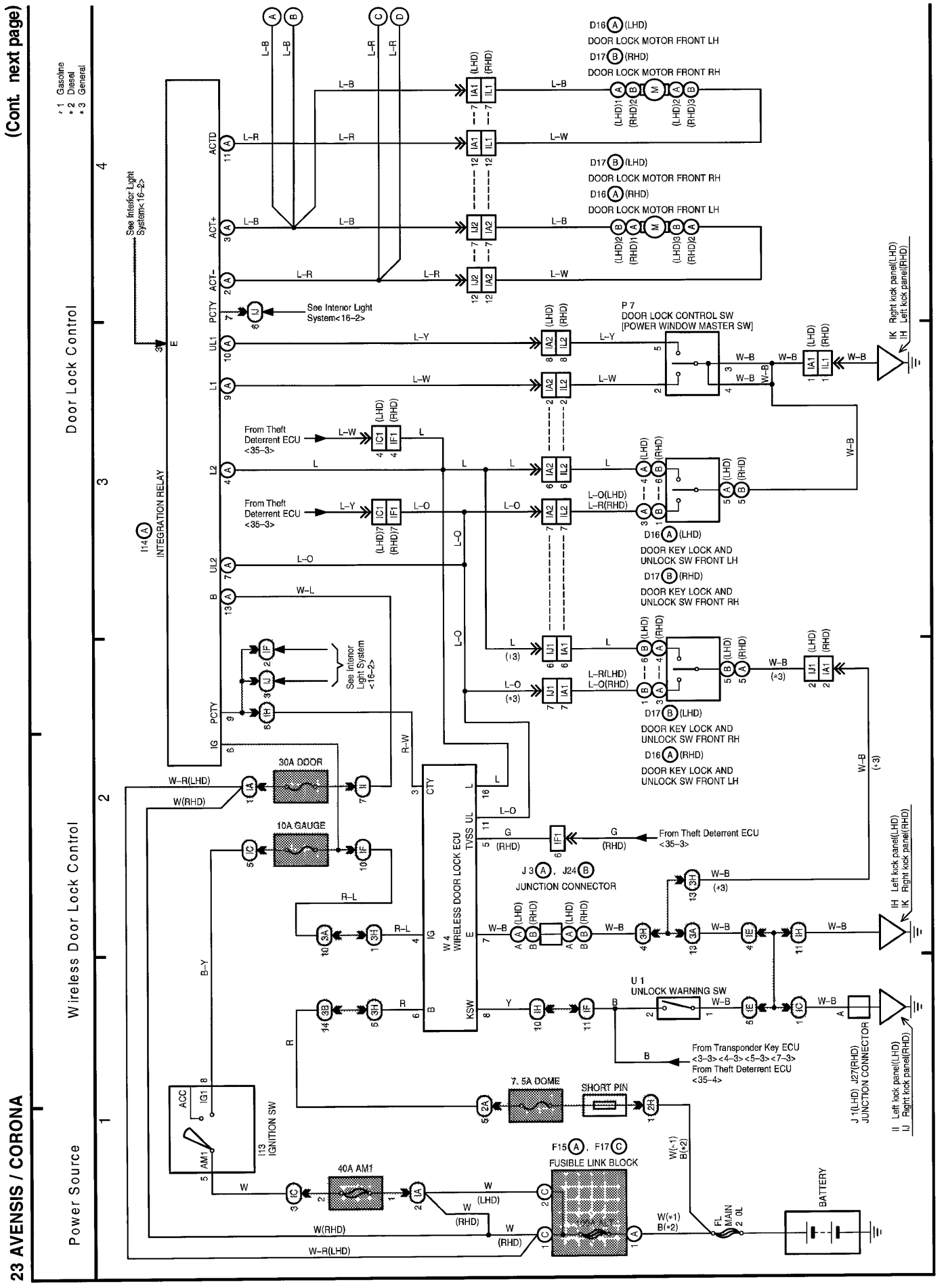



Power Source
ABS
1
2
3
4
*1 Gasoline
*2 Diesel
*3 3S-FE, 4A-FE 7A-FE Lean Burn Type
*4 Diesel, 4A-FE Stoichiometric Type
ACC
AM1
IG1
AM2
IG2
ST2
I13
IGNITION SW
B-Y
L-R
W
W-R
B
10A IGN
B-O
(*3)
R-L
(*4)
ABS WARNING LIGHT [COMBI METER]
C10, C11
25
P-L
10A GAUGE
5A ECU-IG
B-R
From Stop Light SW<14-2>
G-W
D 8
DLC3
CG
TC
TS
J 4(LHD), J23(RHD) JUNCTION CONNECTOR
LG-R
R-B
40A AM1
EA1
EC1
(*1)
(*2)
18
17
+B
21
WA
15
IG1
14
STP
12
TC
11
TS
A 6
ABS ECU WITH ACTUATOR
GND
16
19
FL+
7
FL-
6
FR+
5
FR-
4
RL+
9
RL-
8
RR+
2
RR-
1
(Shielded)
W(RHD)
W(LHD)
FUSIBLE LINK BLOCK
F15, F17, F20
30A AM2
W(*1)
B(*2)
FL MAIN 2 0L
BATTERY
Under the headlight LH
EB
Under the headlight RH
EA
Right kick panel
IJ
Left kick panel
II
J 9(LHD) J27(RHD) JUNCTION CONNECTOR
J 1(LHD) J20(RHD) JUNCTION CONNECTOR
A 7
ABS SPEED SENSOR FRONT LH
A 8
ABS SPEED SENSOR FRONT RH
A26
ABS SPEED SENSOR REAR LH
A27
ABS SPEED SENSOR REAR RH
(LHD)
(RHD)
J 1(LHD) J27(RHD) JUNCTION CONNECTOR
II Left kick panel(LHD)
IJ Right kick panel(RHD)

K OVERALL ELECTRICAL WIRING DIAGRAM



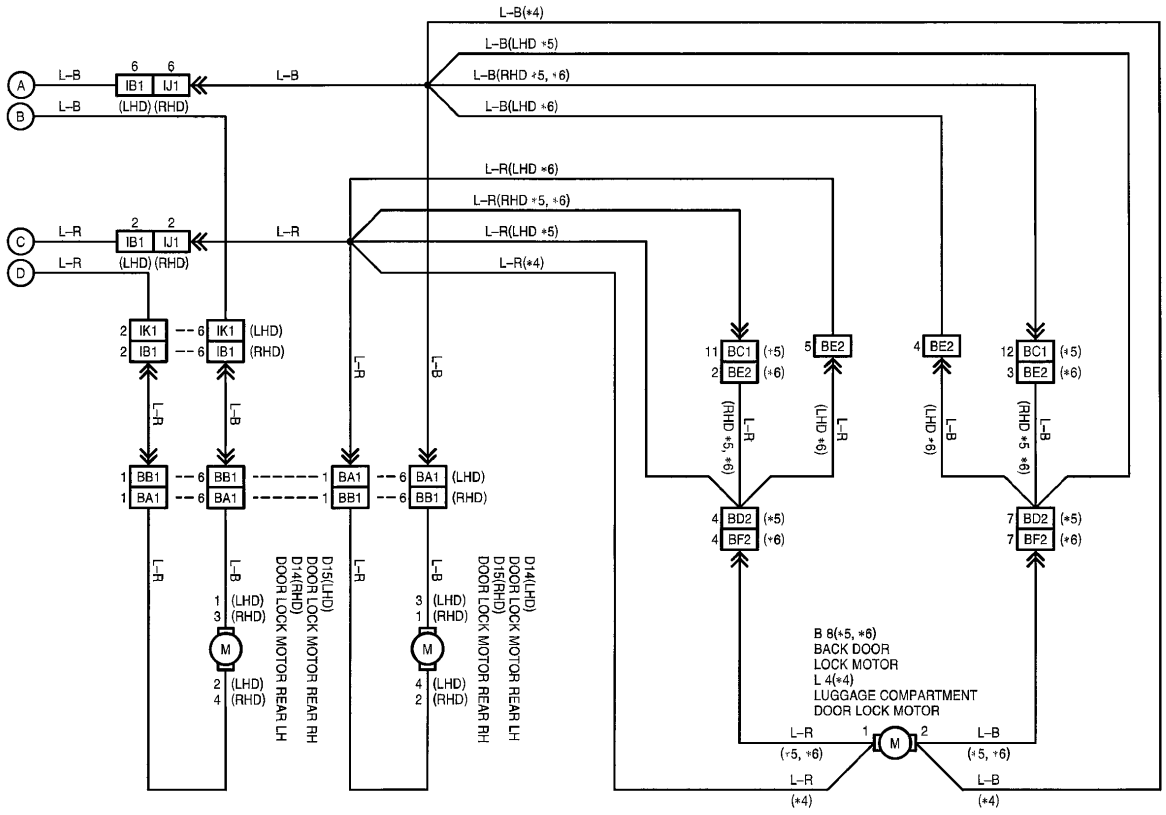
K OVERALL ELECTRICAL WIRING DIAGRAM



Door Lock Control

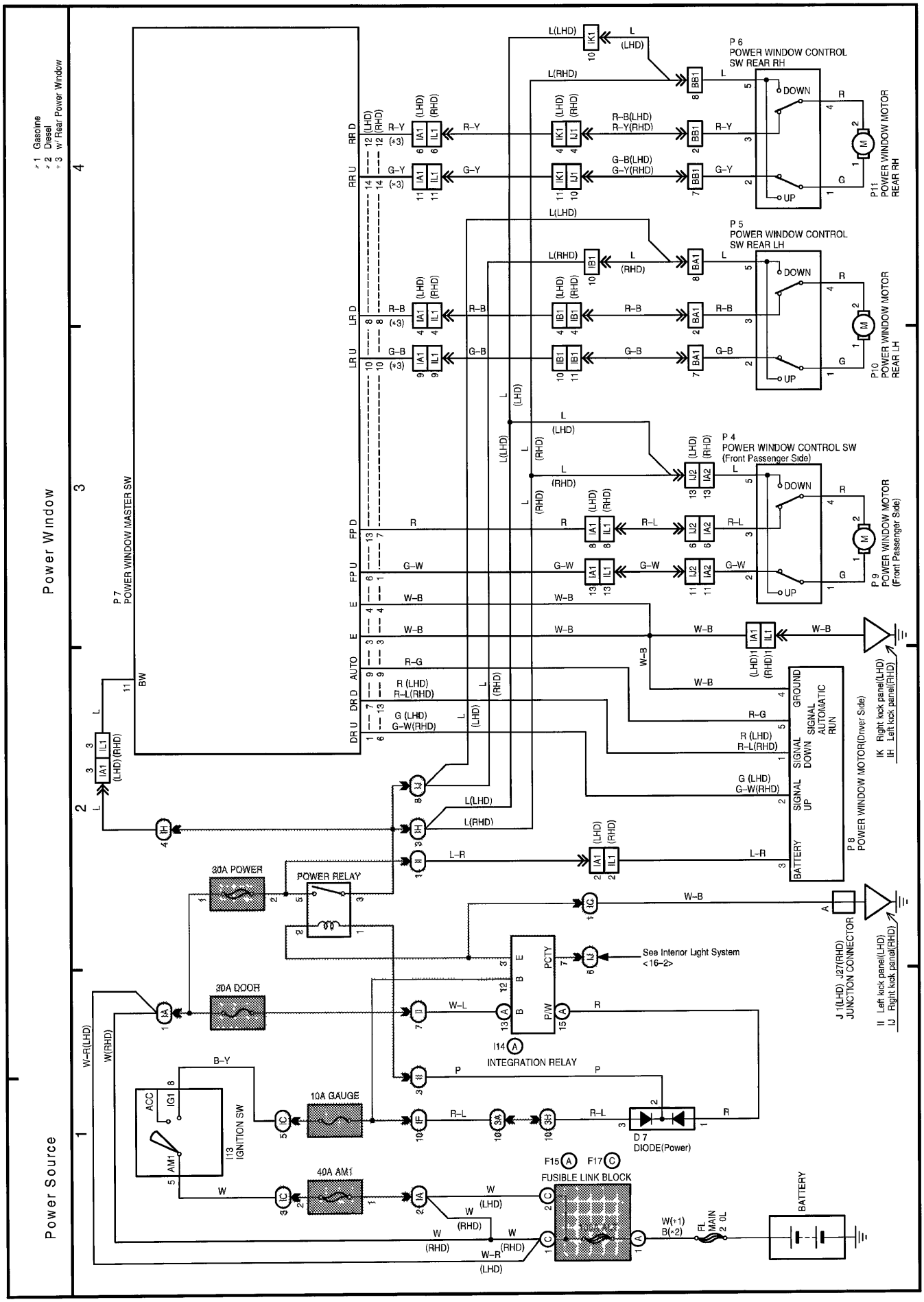
*4 S/D
*5 L/B
*6 W/G

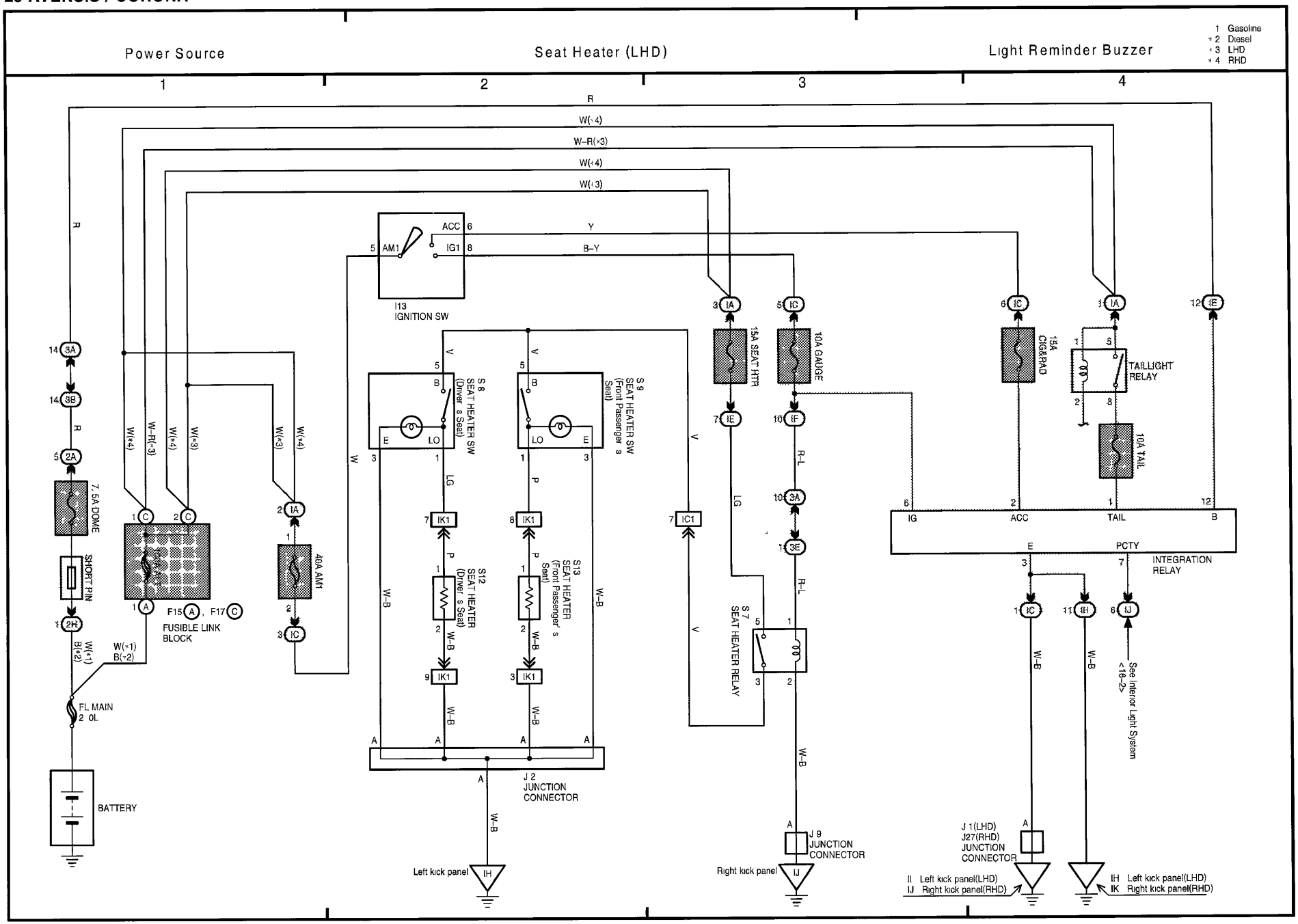
5 6 7 8



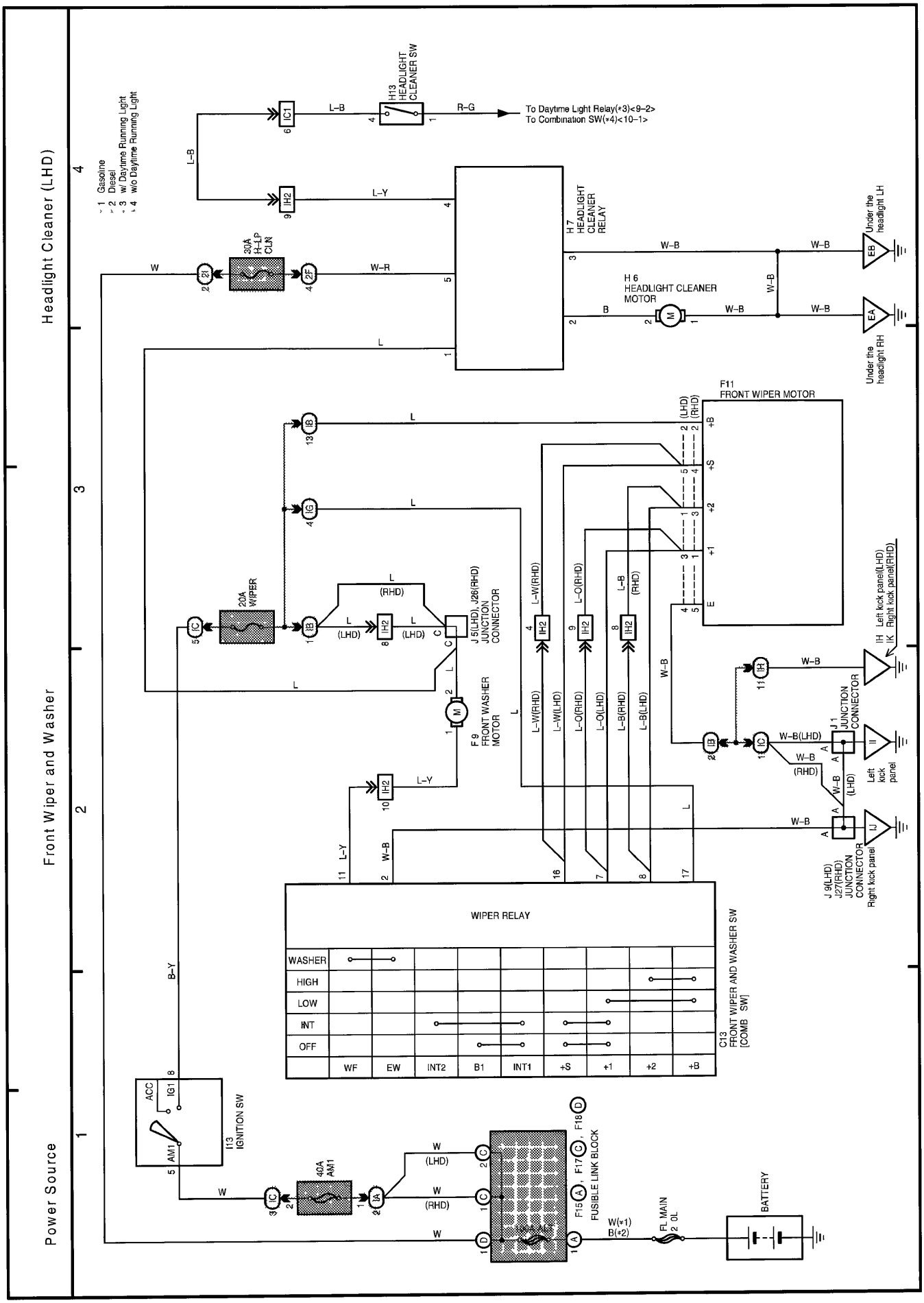
K

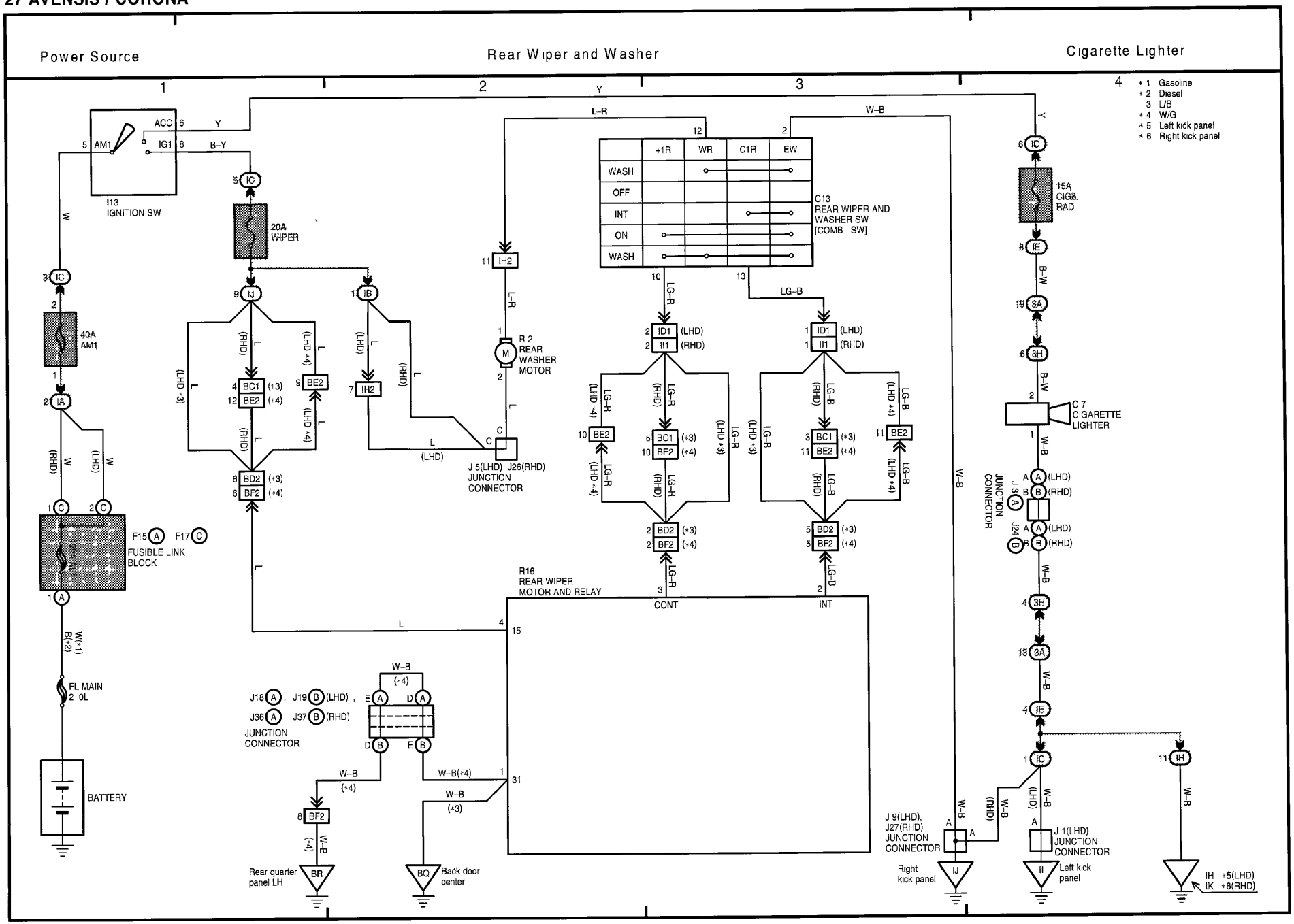
K OVERALL ELECTRICAL WIRING DIAGRAM



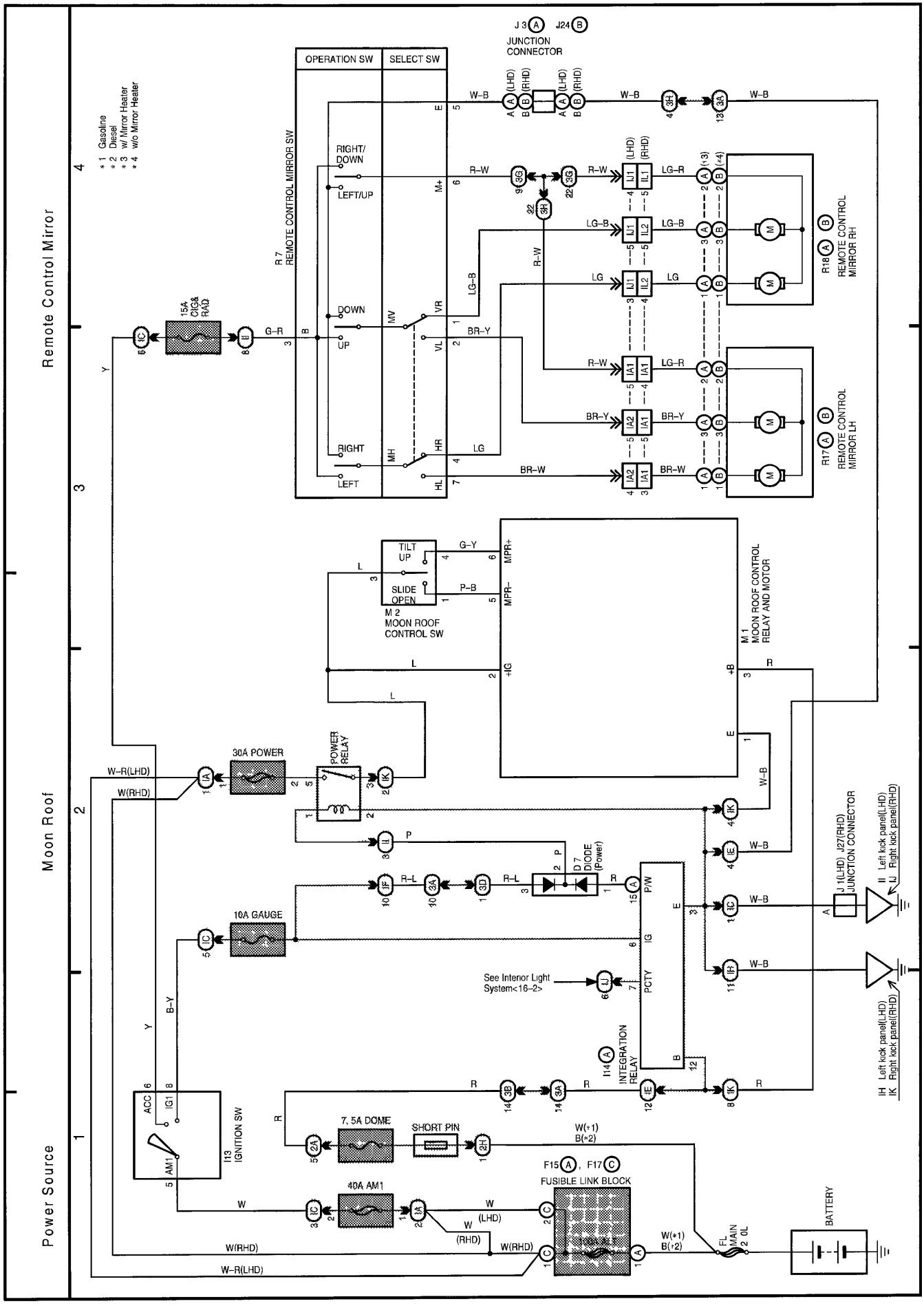

Power Source
Seat Heater (LHD)
Light Reminder Buzzer
1 Gasoline
*2 Diesel
*3 LHD
*4 RHD
1
2
3
4
R
W(*4)
W–R(*3)
W(*4)
W(*3)
ACC
IG1
AM1
Y
B–Y
I13
IGNITION SW
15A SEAT HTR
10A GAUGE
15A CIG&RAD
TAILLIGHT RELAY
10A TAIL
IG
ACC
TAIL
B
PCTY
INTEGRATION RELAY
7.5A DOME
SHORT PIN
FL MAIN
2 0L
BATTERY
F15 A , F17 C
FUSIBLE LINK BLOCK
40A AM1
W(*1)
B(*2)
S8
SEAT HEATER SW (Driver s Seat)
S9
SEAT HEATER SW (Front Passenger s Seat)
S12
SEAT HEATER (Driver s Seat)
S13
SEAT HEATER (Front Passenger s Seat)
S7
SEAT HEATER RELAY
J2
JUNCTION CONNECTOR
J9
JUNCTION CONNECTOR
J1(LHD)
J27(RHD)
JUNCTION CONNECTOR
Left kick panel
Right kick panel
II Left kick panel(LHD)
IJ Right kick panel(RHD)
IH Left kick panel(LHD)
IK Right kick panel(RHD)
See Interior Light System <18–2>
W–B
R–L
LG
P
V
B

K OVERALL ELECTRICAL WIRING DIAGRAM




Power Source
Rear Wiper and Washer
Cigarette Lighter
1
2
3
4
*1 Gasoline
*2 Diesel
3 L/B
*4 W/G
*5 Left kick panel
*6 Right kick panel
I13 IGNITION SW
ACC
IG1
AM1
20A WIPER
40A AM1
FUSIBLE LINK BLOCK
F15 A F17 C
FL MAIN 2 0L
BATTERY
C13 REAR WIPER AND WASHER SW [COMB SW]
WASH
OFF
INT
ON
WASH
+1R
WR
C1R
EW
R16 REAR WIPER MOTOR AND RELAY
CONT
INT
R 2 REAR WASHER MOTOR
J 5(LHD) J26(RHD) JUNCTION CONNECTOR
J18 A , J19 B (LHD) , J36 A J37 B (RHD) JUNCTION CONNECTOR
Rear quarter panel LH
BR
BQ Back door center
15A CIG& RAD
C 7 CIGARETTE LIGHTER
J 3 A B (LHD) (RHD) JUNCTION CONNECTOR
J24 A B (LHD) (RHD)
J 9(LHD), J27(RHD) JUNCTION CONNECTOR
Right kick panel
IJ
J 1(LHD) JUNCTION CONNECTOR
II Left kick panel
IH *5(LHD)
IK *6(RHD)

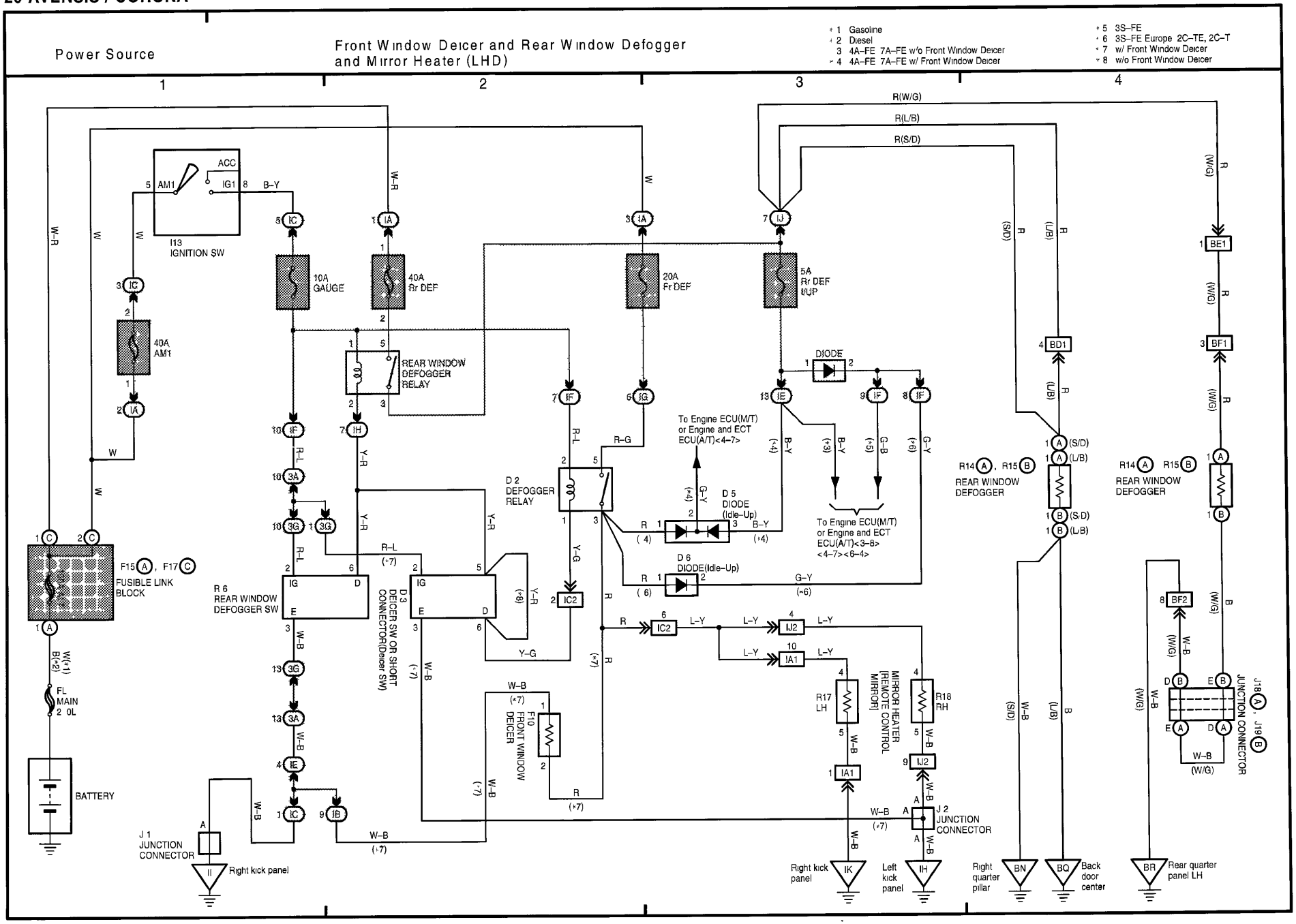
K


Remote Control Mirror
Moon Roof
Power Source
* 1 Gasoline
* 2 Diesel
* 3 w/ Mirror Heater
* 4 w/o Mirror Heater
J 3 (A) J24 (B)
JUNCTION CONNECTOR
OPERATION SW
SELECT SW
R 7
REMOTE CONTROL MIRROR SW
RIGHT/DOWN
LEFT/UP
DOWN
UP
RIGHT
LEFT
15A CIG& RAD
R18 (A) (B)
REMOTE CONTROL MIRROR RH
R17 (A) (B)
REMOTE CONTROL MIRROR LH
TILT UP
SLIDE OPEN
M 2
MOON ROOF CONTROL SW
M 1
MOON ROOF CONTROL RELAY AND MOTOR
30A POWER
POWER RELAY
10A GAUGE
D 7
DIODE (Power)
See Interior Light System<16-2>
I14 (A)
INTEGRATION RELAY
I13
IGNITION SW
7.5A DOME
SHORT PIN
40A AM1
F15 (A), F17 (C)
FUSIBLE LINK BLOCK
BATTERY
J 1(LHD) J27(RHD)
JUNCTION CONNECTOR
II Left kick panel(LHD)
IJ Right kick panel(RHD)
IH Left kick panel(LHD)
IK Right kick panel(RHD)

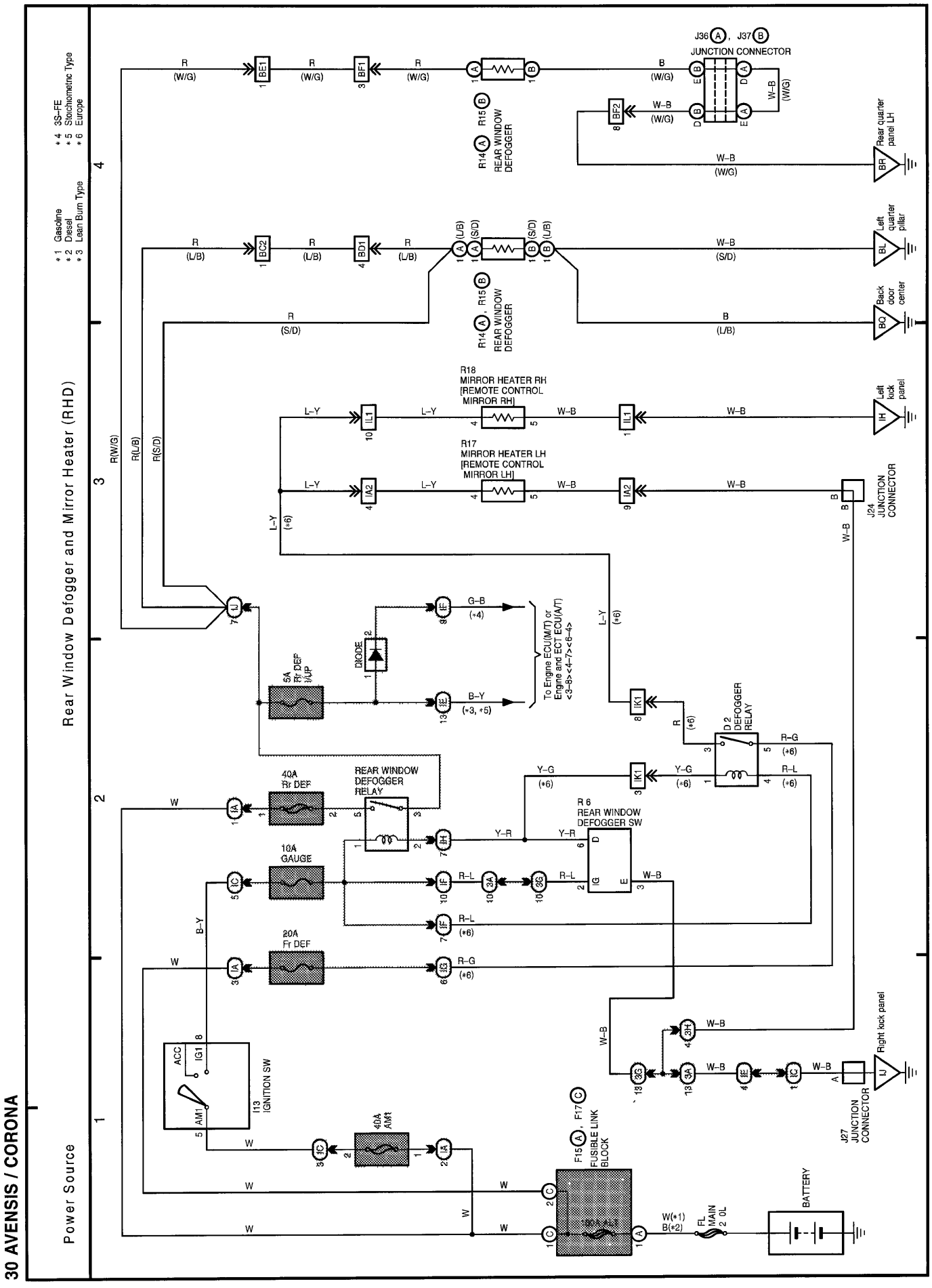
Power Source

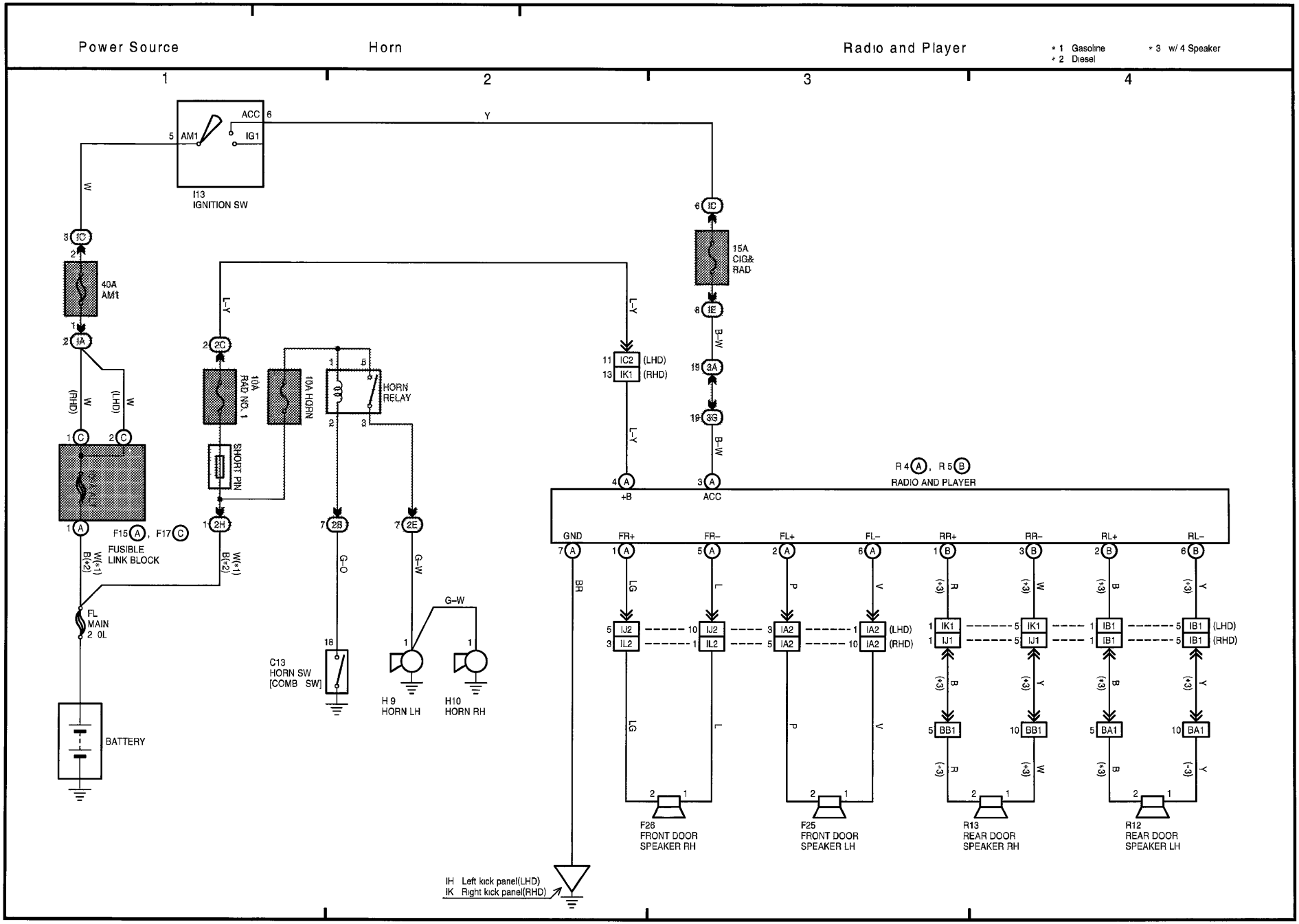
Front Window Deicer and Rear Window Defogger and Mirror Heater (LHD)

*1 Gasoline
*2 Diesel
3 4A-FE 7A-FE w/o Front Window Deicer
*4 4A-FE 7A-FE w/ Front Window Deicer
*5 3S-FE
*6 3S-FE Europe 2C-TE, 2C-T
*7 w/ Front Window Deicer
*8 w/o Front Window Deicer



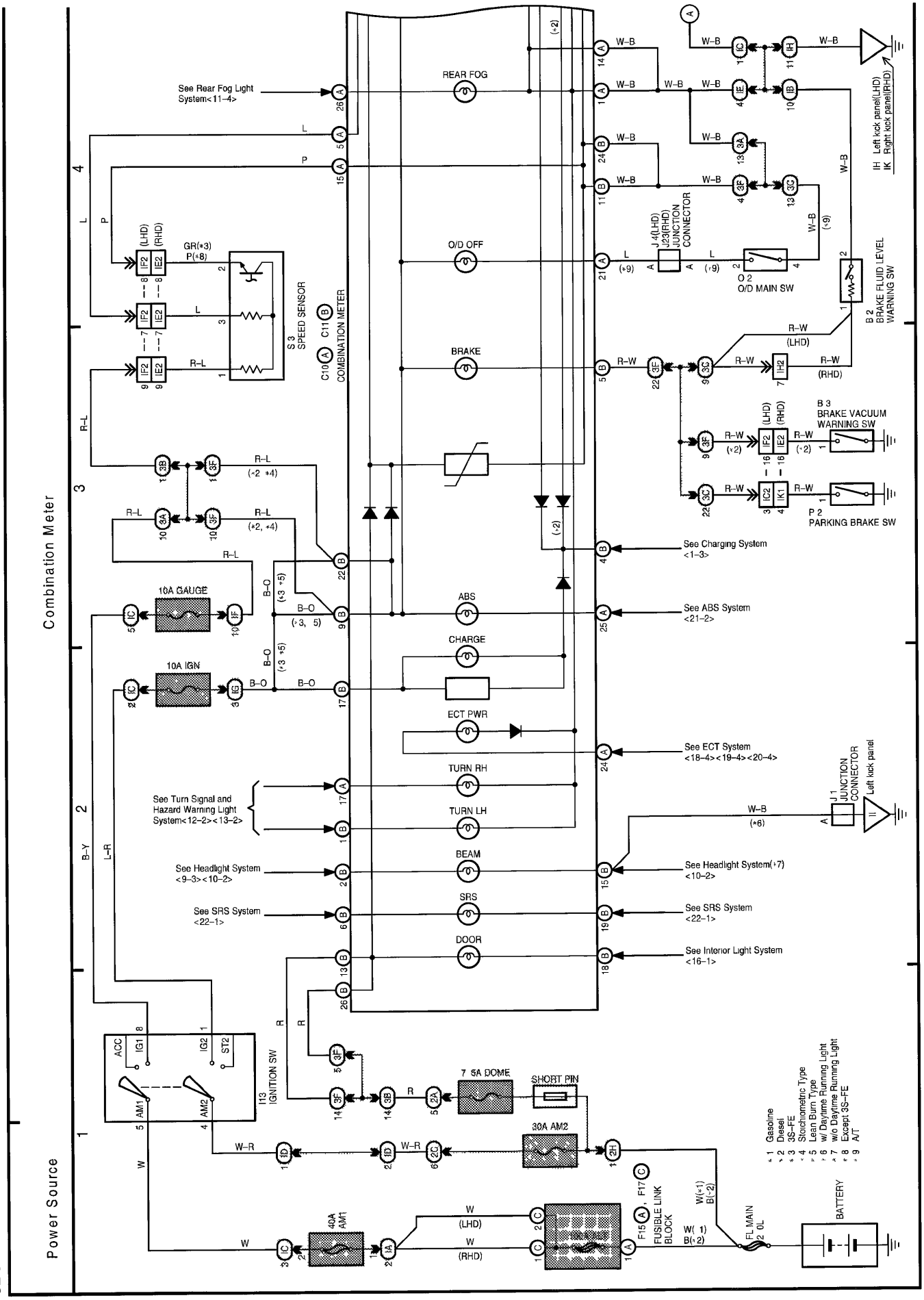
K

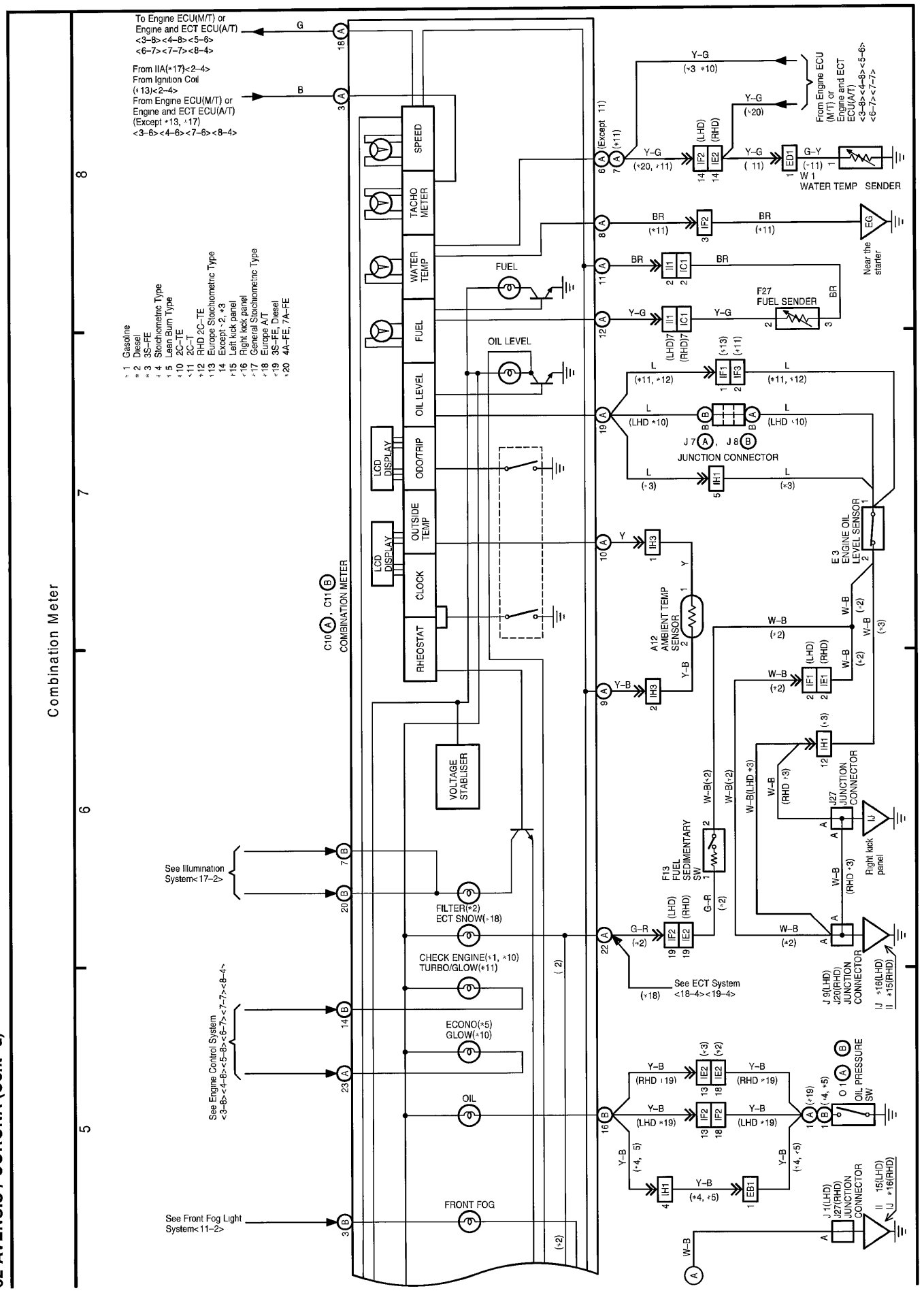

Rear Window Defogger and Mirror Heater (RHD)
Power Source
*1 Gasoline
*2 Diesel
*3 Lean Burn Type
*4 3S-FE
*5 Stoichiometric Type
*6 Europe
J36 (A), J37 (B) JUNCTION CONNECTOR
REAR WINDOW DEFOGGER
R14 (A), R15 (B)
Rear quarter panel LH
Left quarter pillar
Back door center
R18 MIRROR HEATER RH [REMOTE CONTROL MIRROR RH]
R17 MIRROR HEATER LH [REMOTE CONTROL MIRROR LH]
Left kick panel
J24 JUNCTION CONNECTOR
5A Rr DEF 3/UP
DIODE
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-8><4-7><6-4>
D2 DEFOGGER RELAY
40A Rr DEF
REAR WINDOW DEFOGGER RELAY
R6 REAR WINDOW DEFOGGER SW
10A GAUGE
20A Fr DEF
I13 IGNITION SW
40A AM1
F15 (A), F17 (C) FUSIBLE LINK BLOCK
BATTERY
Right kick panel
J27 JUNCTION CONNECTOR


Power Source
Horn
Radio and Player
* 1 Gasoline
* 2 Diesel
* 3 w/ 4 Speaker
1
2
3
4
ACC
IG1
AM1
I13
IGNITION SW
40A
AM1
15A
CIG&
RAD
10A
RAD NO. 1
10A HORN
SHORT PIN
HORN
RELAY
IC2 (LHD)
IK1 (RHD)
R4 A , R5 B
RADIO AND PLAYER
+B
ACC
GND
FR+
FR−
FL+
FL−
RR+
RR−
RL+
RL−
F15 A , F17 C
FUSIBLE
LINK BLOCK
FL
MAIN
2 0L
BATTERY
C13
HORN SW
[COMB SW]
H 9
HORN LH
H10
HORN RH
IJ2
IL2
IA2 (LHD)
IA2 (RHD)
IK1
IJ1
IB1 (LHD)
IB1 (RHD)
BB1
BA1
F26
FRONT DOOR
SPEAKER RH
F25
FRONT DOOR
SPEAKER LH
R13
REAR DOOR
SPEAKER RH
R12
REAR DOOR
SPEAKER LH
IH Left kick panel(LHD)
IK Right kick panel(RHD)

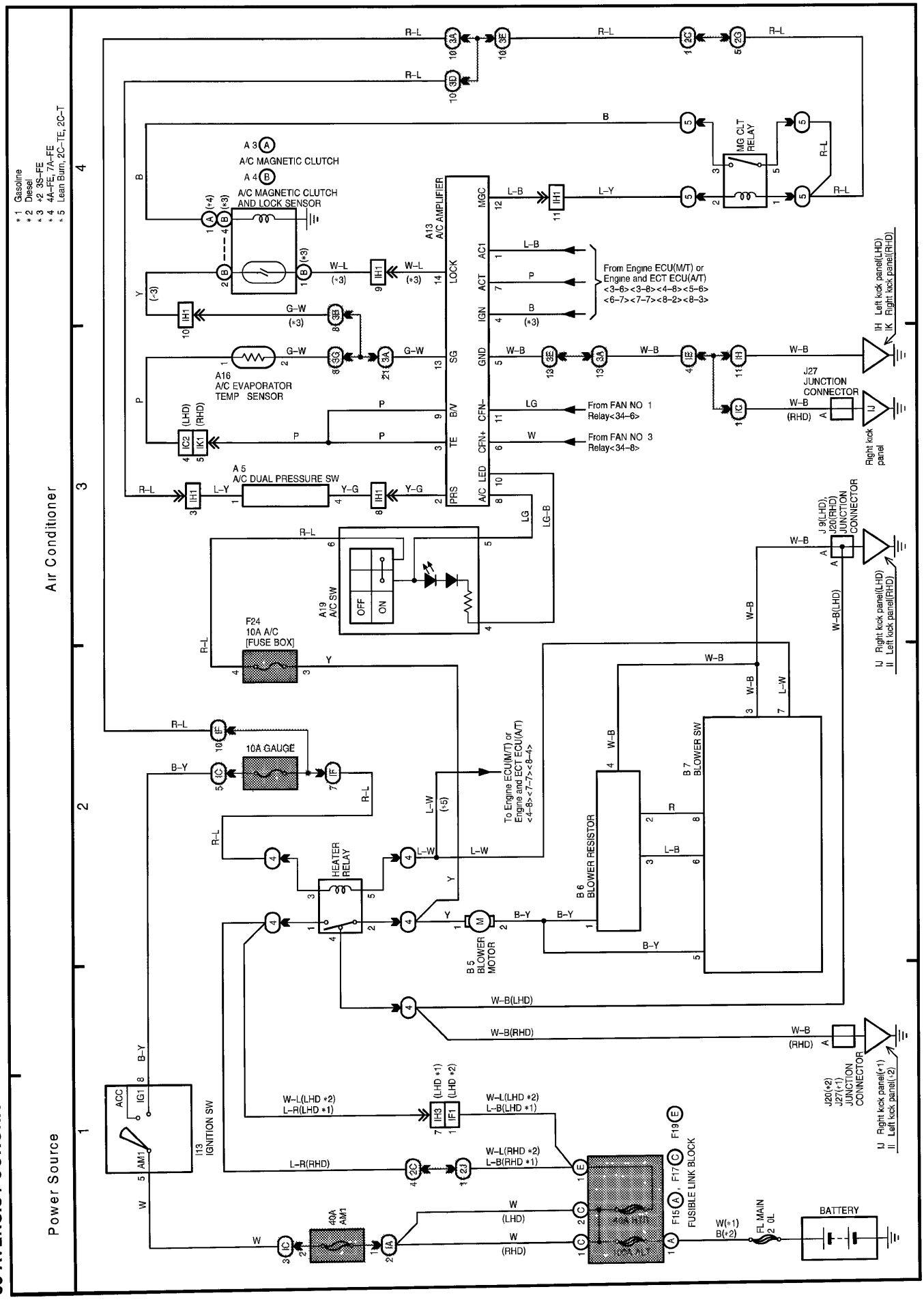
K OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)




Combination Meter
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3–8><4–8><5–8><6–7><7–7><8–4>
From IIA(*17)<2–4> From Ignition Coil (*13)<2–4> From Engine ECU(M/T) or Engine and ECT ECU(A/T) (Except *13, *17) <3–6><4–6><7–6><8–4>
*1 Gasoline
*2 Diesel
*3 3S–FE
*4 Stoichiometric Type
*5 Lean Burn Type
*10 2C–TE
*11 2C–T
*12 RHD 2C–TE
*13 Europe Stoichiometric Type
*14 Except *2, *3
*15 Left kick panel
*16 Right kick panel
*17 General Stoichiometric Type
*18 Europe A/T
*19 3S–FE, Diesel
*20 4A–FE, 7A–FE
SPEED
TACHO METER
WATER TEMP
FUEL
OIL LEVEL
ODO/TRIP
OUTSIDE TEMP
CLOCK
RHEOSTAT
LCD DISPLAY
C10, C11 COMBINATION METER
VOLTAGE STABILISER
FUEL
OIL LEVEL
W1 WATER TEMP SENDER
F27 FUEL SENDER
Near the starter
E3 ENGINE OIL LEVEL SENSOR
A12 AMBIENT TEMP SENSOR
F13 FUEL SEDIMENTARY SW
J7, J8 JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
Right kick panel
J9(LHD) J20(RHD) JUNCTION CONNECTOR
J1(LHD) J27(RHD) JUNCTION CONNECTOR
O1 OIL PRESSURE SW
See Illumination System<17–2>
See Engine Control System <3–8><4–8><5–8><6–7><7–7><8–4>
See Front Fog Light System<11–2>
See ECT System <18–4><19–4>
FILTER(*2) ECT SNOW(*18)
CHECK ENGINE(*1, *10) TURBO/GLOW(*11)
ECONO(*5) GLOW(*10)
OIL
FRONT FOG

K OVERALL ELECTRICAL WIRING DIAGRAM



FOREWORD

This supplement provides information covering changes in the electrical system specifications of the AVENSIS / CORONA which were made in Jul., 2000.

Applicable models: AZT220 Series
ZZT220, 221 Series
ST220 Series
CDT220 Series

For information which is not mentioned in this manual, please refer to the following Electrical Wiring Diagram Manuals:

Manual Name	Pub. No.
• AVENSIS / CORONA Electrical Wiring Diagram Supplement	EWD373F
• AVENSIS / CORONA Chassis and Body Repair Manual Supplement	RM781E
• 1AZ-FSE Engine Repair Manual	RM783E
• 1ZZ-FE, 3ZZ-FE Engine Repair Manual	RM782E

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

TOYOTA MOTOR CORPORATION

NOTICE

When handling supplemental restraint system components (removal, installation or inspection, etc.), always follow the direction given in the repair manuals listed above to prevent accidents and supplemental restraint system malfunction.

AVENSIS / CORONA ELECTRICAL WIRING DIAGRAM

(English)

	Section No.	Page
INTRODUCTION	A	5
HOW TO USE THIS MANUAL	B	6
ABBREVIATIONS	C	8
RELAY LOCATIONS	D	22
ELECTRICAL WIRING ROUTING	E	42
CONNECTOR LIST	F	110
PART NUMBER OF CONNECTORS	H	166
OVERALL ELECTRICAL WIRING DIAGRAM	I	172

English Français

SCHEMA DE CABLAGE ELECTRIQUE DE LA AVENSIS / CORONA

(Français)

	N° de section	*Page*
INTRODUCTION	*A*	*9*
COMMENT UTILISER CE MANUEL	*B*	*10*
ABREVIATIONS	*C*	*12*
EMPLACEMENTS DES RELAIS	*D*	*22*
ACHEMINEMENT DES FILS ELECTRIQUES	*E*	*42*
LISTE DE CONNECTEUR	*F*	*110*
INFORMATIONS SUR LE CONNECTEUR	*G*	*124*
REFERENCE DES CONNECTEURS	*H*	*166*
SCHEMA GENERAL DE CABLAGE ELECTRIQUE	*I*	*173*

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AVENSIS / CORONA
DIAGRAMA DEL CABLEADO ELECTRICO

(Español)	*Sección N.°*	*Página*
INTRODUCCION	*A*	*13*
COMO UTILIZAR ESTE MANUAL	*B*	*14*
ABREVIATURAS	*C*	*16*
UBICACION DE LOS RELES	*D*	*22*
RECORRIDO DE LOS CABLES ELECTRICOS	*E*	*42*
LISTA DE CONECTORES	*F*	*110*
INFORMACION DE CONECTORES	*G*	*138*
NUMERO DE LAS PARTES DE CONECTORES	*H*	*166*
DIAGRAMA DE CONEXIONES ELECTRICAS GENERAL	*I*	*174*

Español

Deutsch

AVENSIS / CORONA
ELEKTRISCHE SCHALTPLÄNE

(Deutsch)	Abschnitt	Seite
EINFÜHRUNG	**A**	**17**
ANWENDUNGSHINWEISE	**B**	**18**
ABKÜRZUNGEN	**C**	**20**
RELAISPOSITIONEN	**D**	**22**
VERKABELUNG	**E**	**42**
STECKERLISTE	**F**	**110**
STECKERINFORMATION	**G**	**152**
TEILE-NUMMER DER STECKER	**H**	**166**
GESAMTVERKABELUNGSPLAN	**I**	**175**

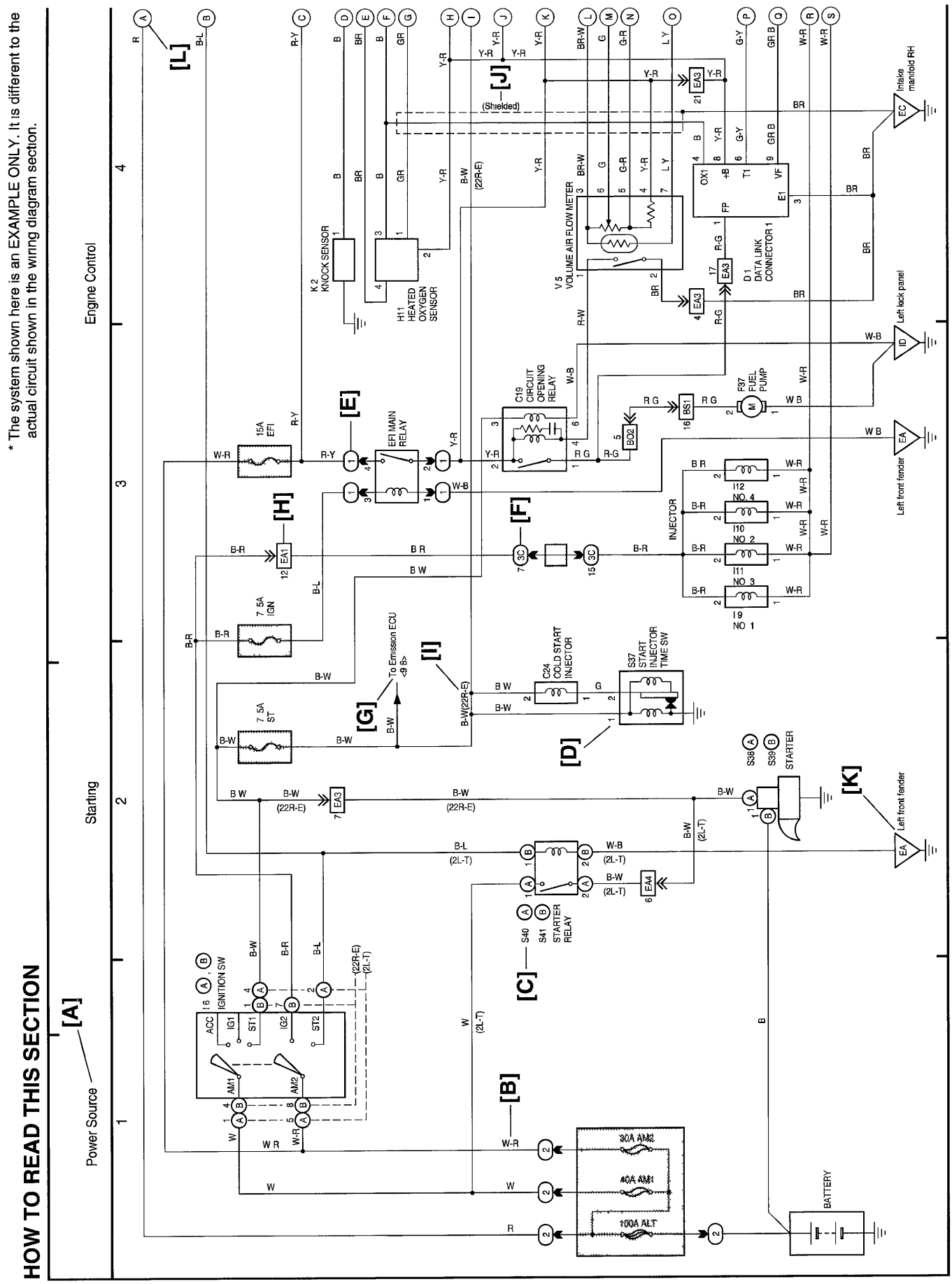
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Ce manuel comprend les 9 sections suivantes:

N°	Section	Description
A	INDEX	Index du contenu de ce manuel.
	INTRODUCTION	Courte explication de chaque section.
B	COMMENT UTILISER CE MANUEL	Instructions sur la manière d'utiliser ce manuel.
C	ABREVIATIONS	Définit les abréviations utilisées dans ce manuel.
D	EMPLACEMENTS DES RELAIS	Indique la position de l'Unité de Commande Electronique, les relais, les blocs de relais, etc. Cette section est étroitement liée au schéme de câblage.
E	ACHEMINEMENT DES FILS ELECTRIQUES	Décrit la position des connecteurs de pièces, points de mise à la masse, etc. Cette section est étroitement liée au schéma de câblage.
F	LISTE DE CONNECTEUR	Décrit la forme des connecteurs pour les pièces qui apparaissent dans ce livre. Cette section est étroitement liée au schéme de câblage.
G	INFORMATIONS SUR LE CONNECTEUR	Pages à voir concernant les désignations des pièces et leur emplacement sur le véhicule.
H	REFERENCE DES CONNECTEURS	Indiques les références des connecteurs utilisées dans ce manuel.
I	SCHEMA GENERAL DE CABLAGE ELECTRIQUE	Fournit les diagrammes de circuit indiquant les connexions de circuit.

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.



[A] : System Title

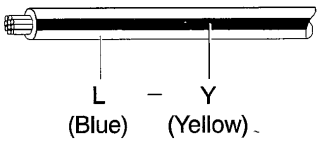
[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B	= Black	W	= White	BR	= Brown
L	= Blue	V	= Voilet	SB	= Sky Blue
R	= Red	G	= Green	LG	= Light Green
P	= Pink	Y	= Yellow	GR	= Gray
O	= Orange				

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

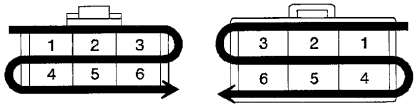
Example: L – Y



[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector.
The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right / Numbered in order from upper right to lower left



Female Male

The numbering system for the overall wiring diagram is the same as above.

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: (1) Indicates Relay Block No.1

[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

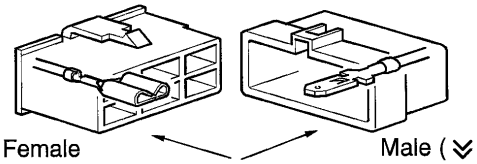
Example



3C indicates that it is inside Junction Block No.3

[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector.
The wiring harness with male terminal is shown with arrows (⩔).
Outside numerals are pin numbers.



[I] : ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.

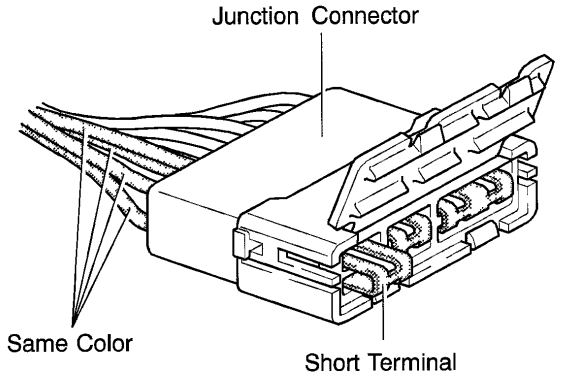


[K] : Indicates and located on ground point.

[L] : The same code occuring on the next page indicates that the wire harness is continuous.

HINT :

Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)
Wire harness sharing the same short terminal grouping have the same color.



ABBREVIATIONS

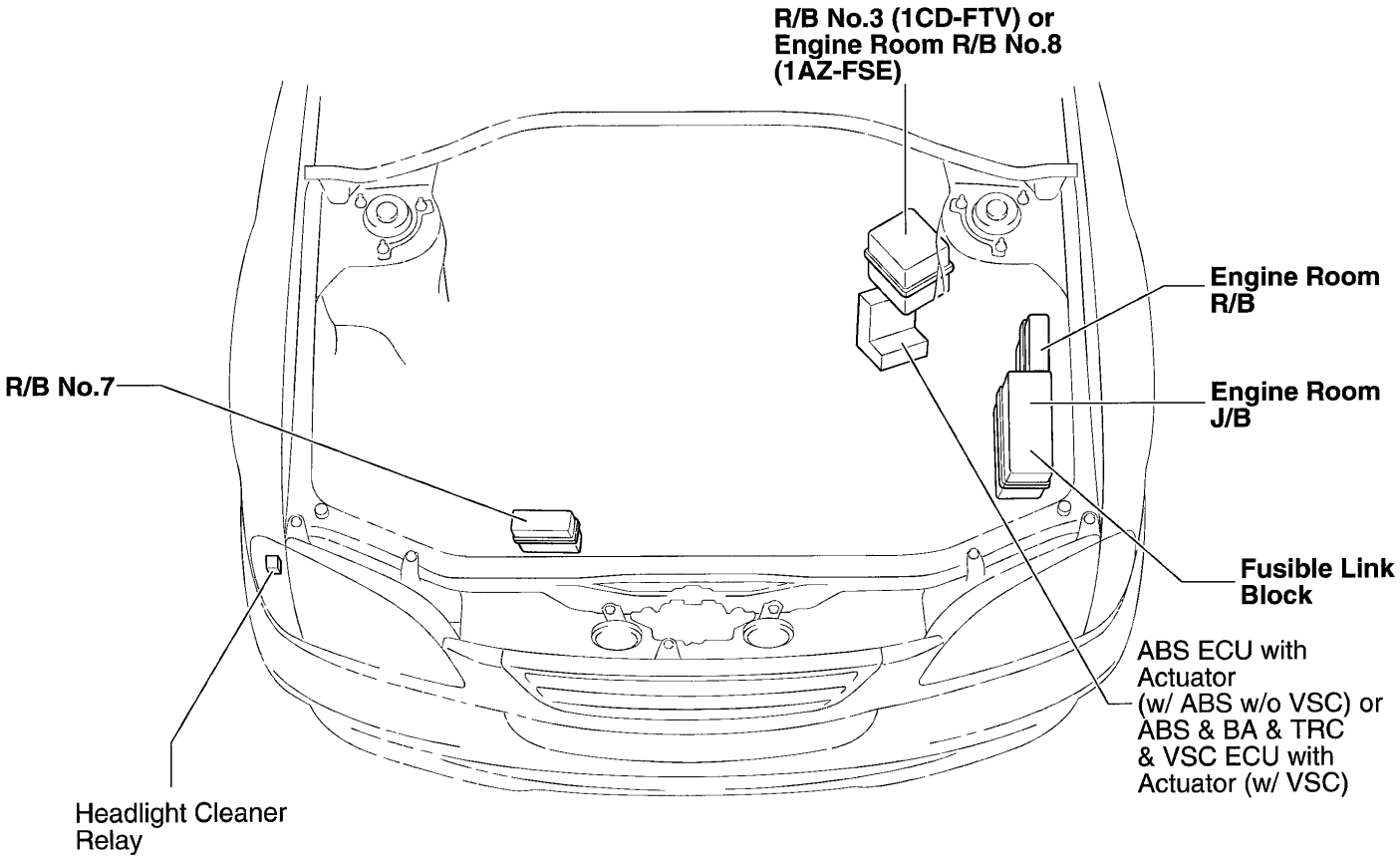
The following abbreviations are used in this manual.

ABS	=	Anti-Lock Brake System
A/C	=	Air Conditioner
A/T	=	Automatic Transaxle
BA	=	Brake Assist
COMB.	=	Combination
DLC3	=	Data Link Connector 3
EBD	=	Electronic Brake Force Distribution
ECT	=	Electronic Control Transmission
ECU	=	Electronic Control Unit
EGR	=	Exhaust Gas Recirculation
EVAP	=	Evaporative Emission
ISC	=	Idle Speed Control
J/B	=	Junction Block
L/B	=	Liftback Type
LH	=	Left-Hand
LHD	=	Left-Hand Drive
M/T	=	Manual Transaxle
O/D	=	Overdrive
R/B	=	Relay Block
RH	=	Right-Hand
RHD	=	Right-Hand Drive
S/D	=	Sedan Type
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
TRC	=	Traction Control
VRV	=	Vacuum Regulating Valve
VSC	=	Vehicle Stability Control
VSV	=	Vacuum Switching Valve
w/	=	With
W/G	=	Wagon Type
w/o	=	Without

* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

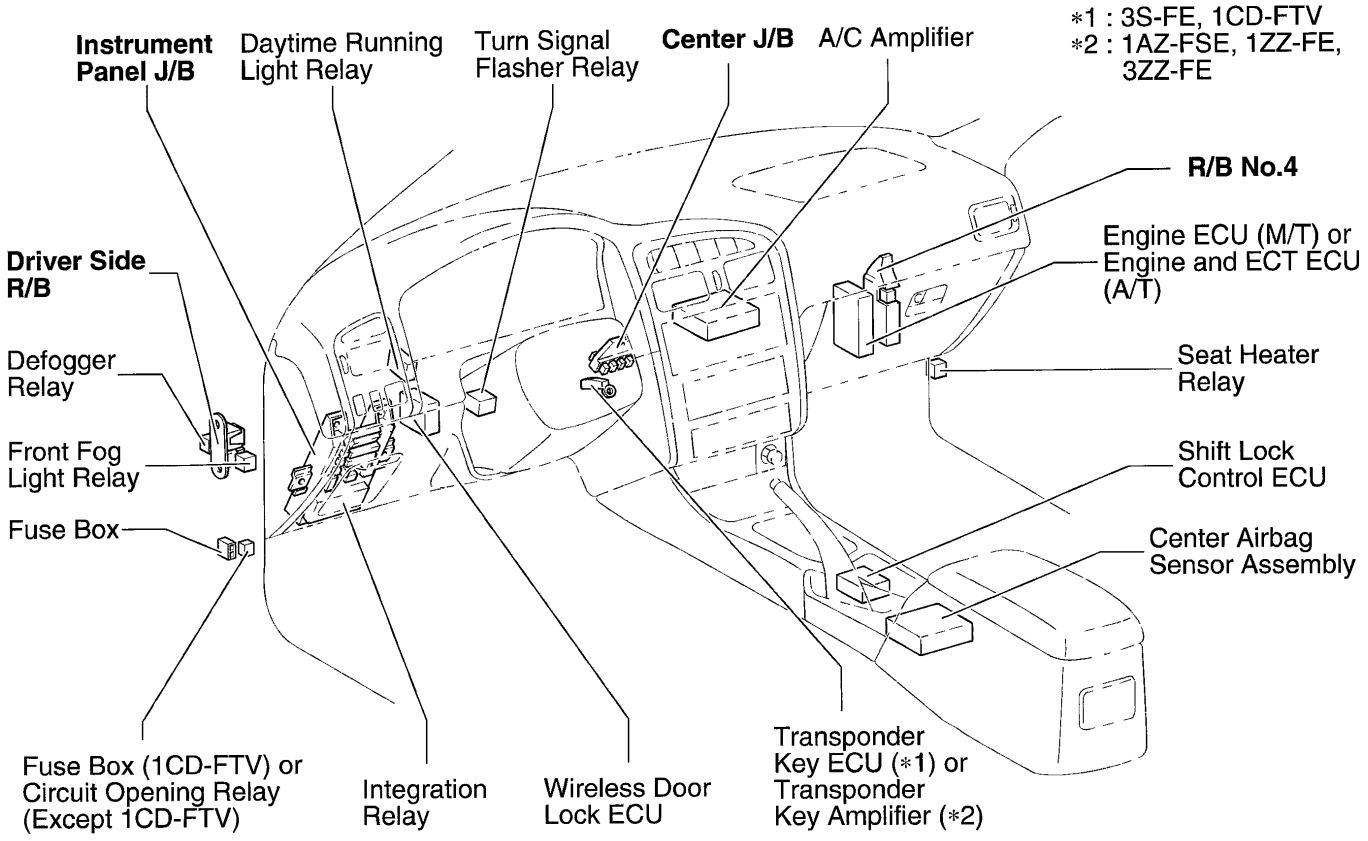
D RELAY LOCATIONS

[Engine Compartment]

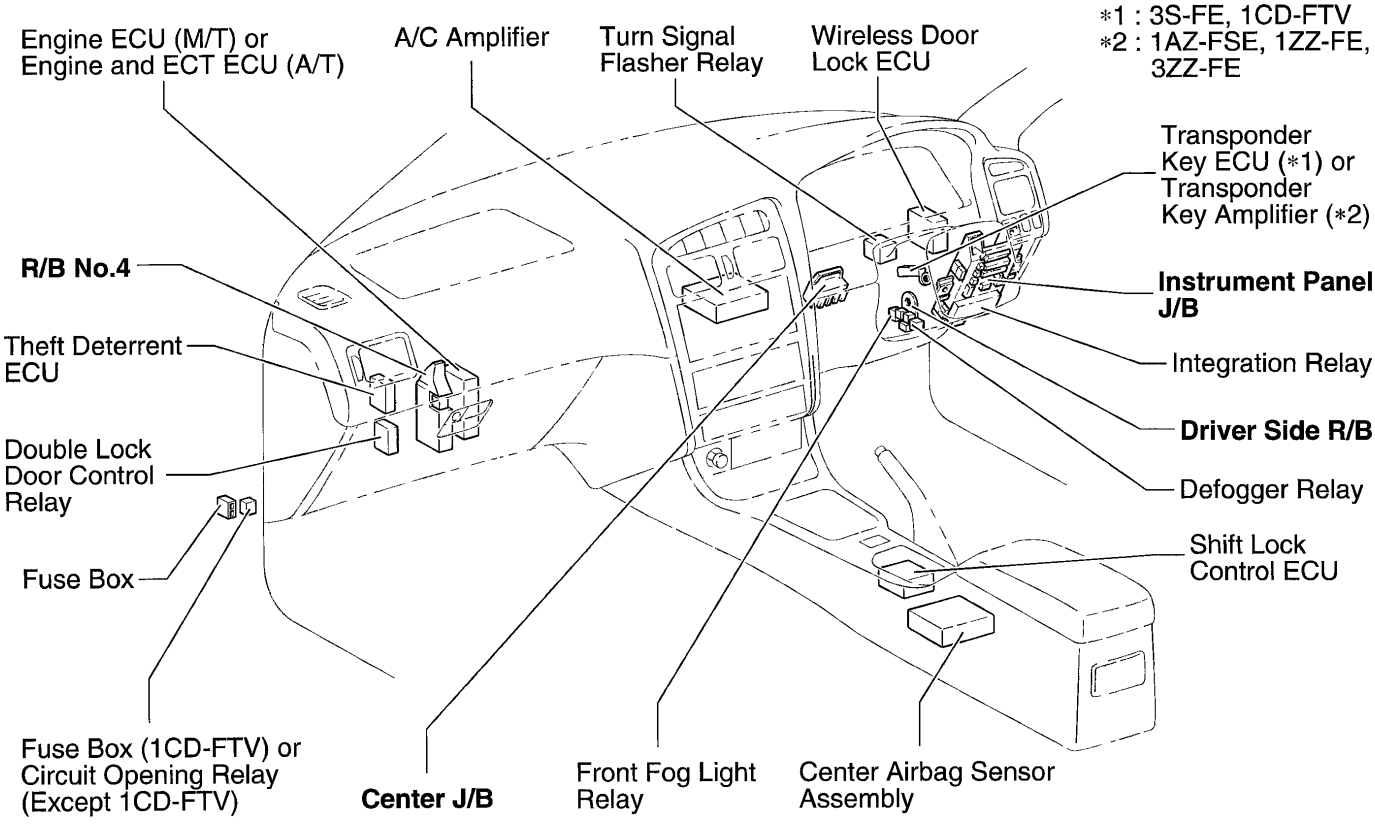


[Instrument Panel]

(LHD)

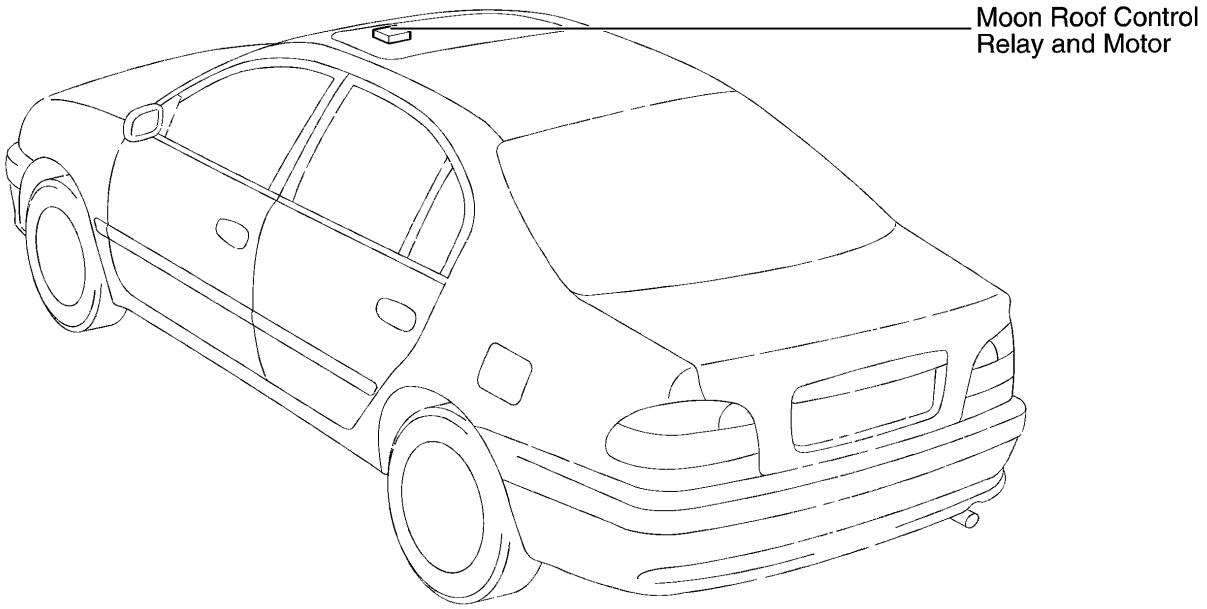


(RHD)

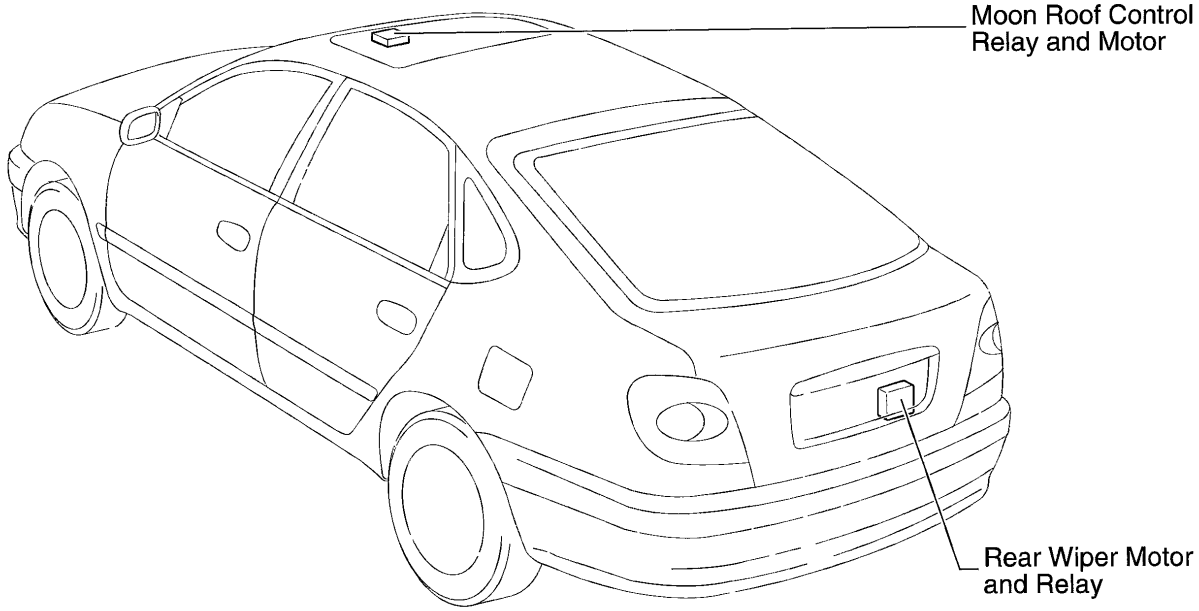


D RELAY LOCATIONS

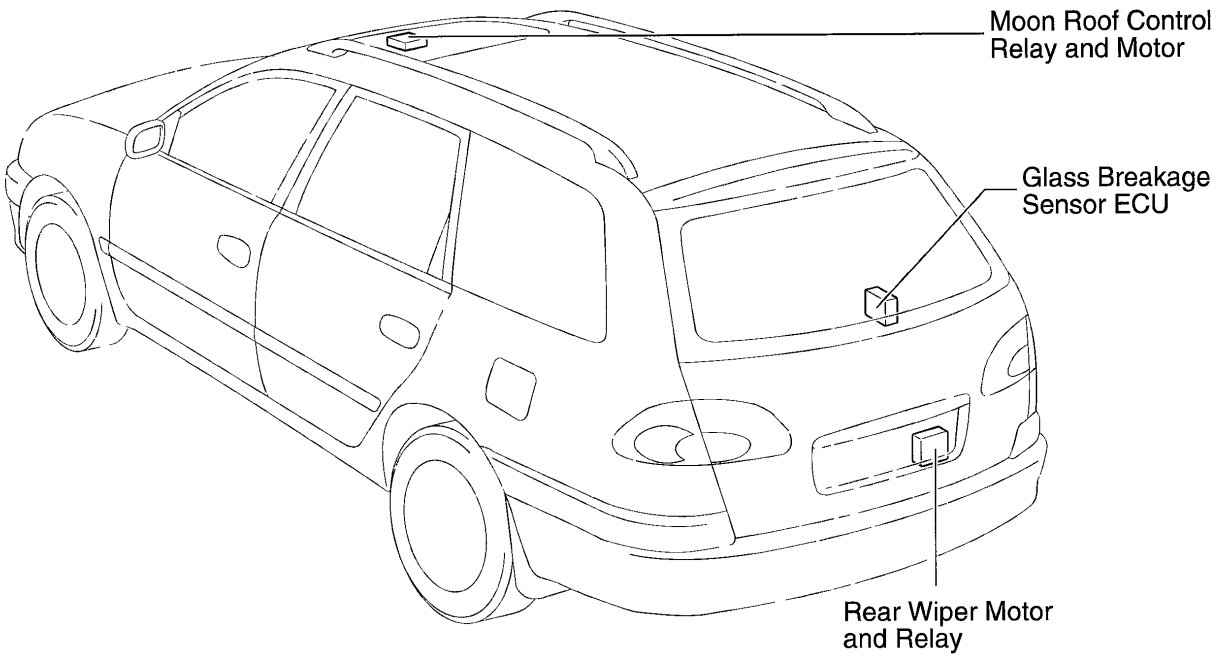
[Body]
(S/D)



(L/B)

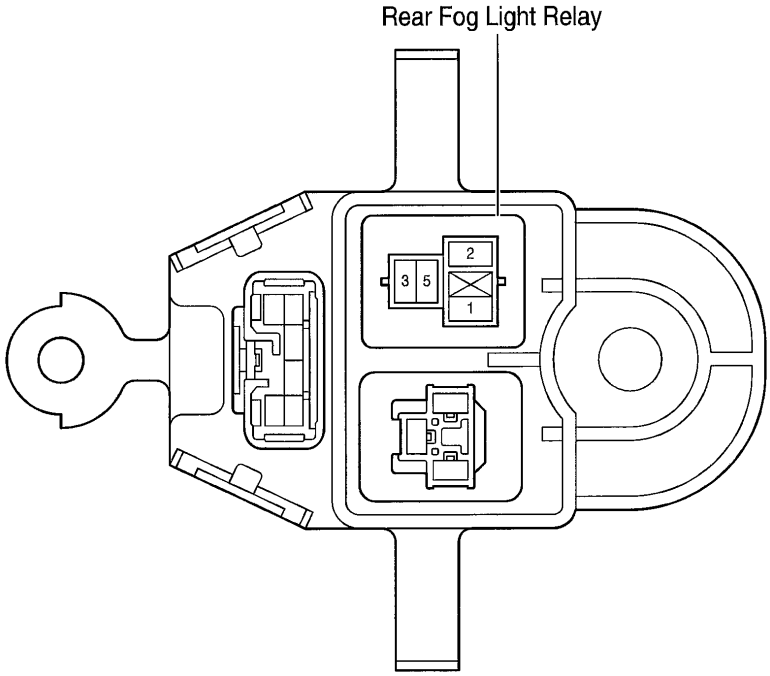


(W/G)

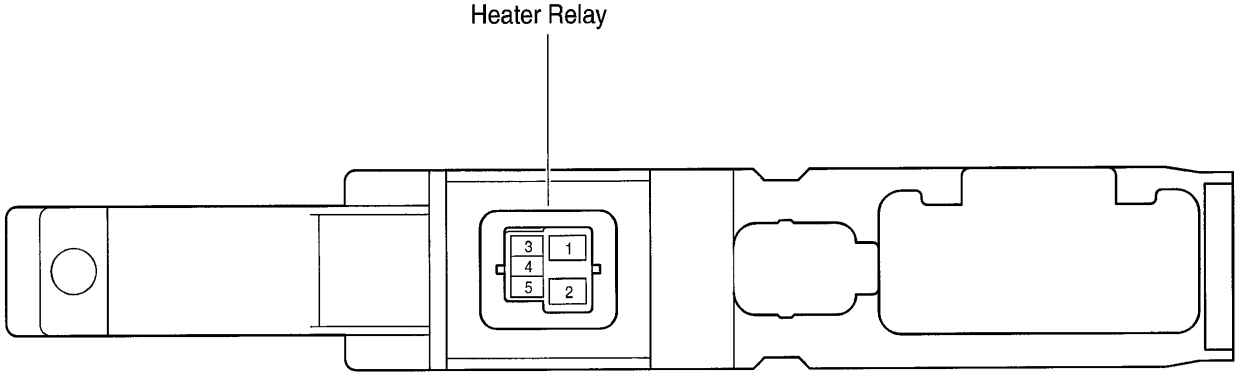

Moon Roof Control
Relay and Motor
Glass Breakage
Sensor ECU
Rear Wiper Motor
and Relay

D RELAY LOCATIONS

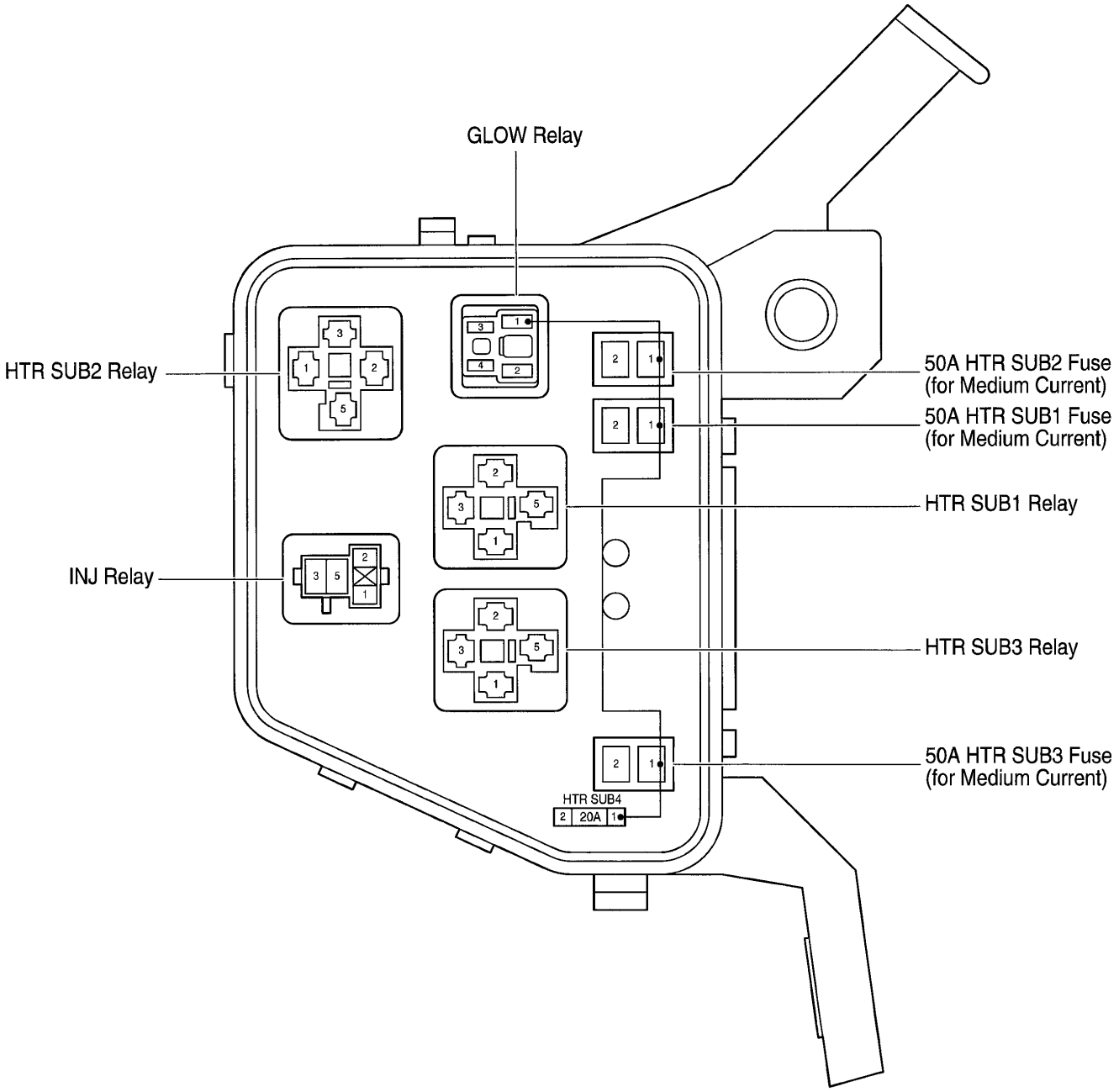
① : Driver Side R/B	LHD : Left Kick Panel (See Page 23) RHD : Right Kick Panel (See Page 23)



④ : R/B No.4	Passenger Side Dash Panel (See Page 23)

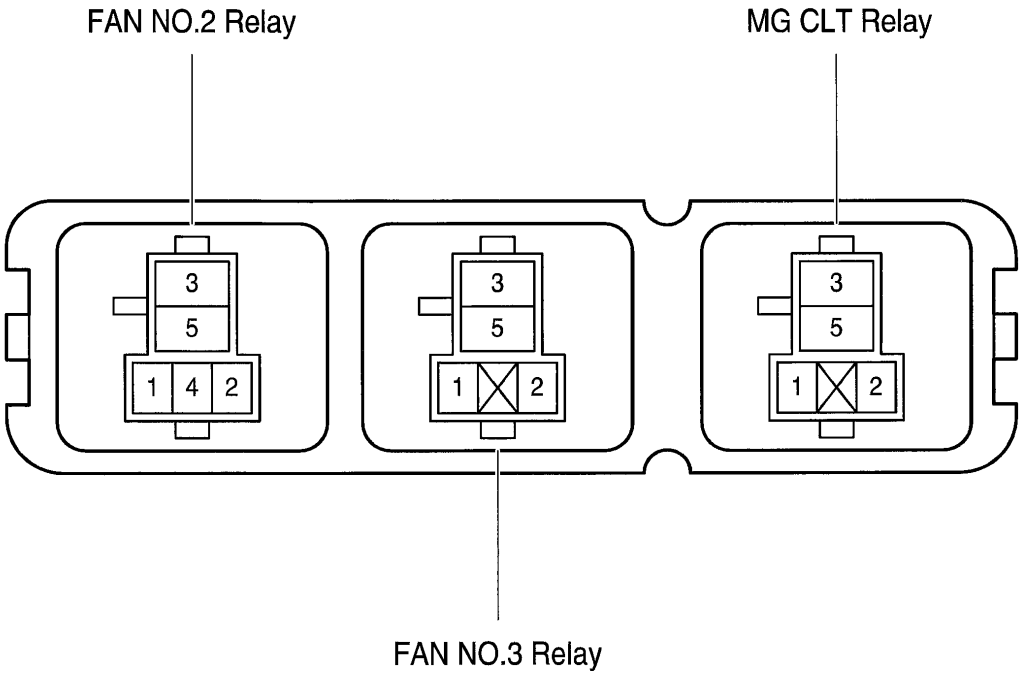


③ : R/B No.3	Engine Compartment Left (See Page 22)



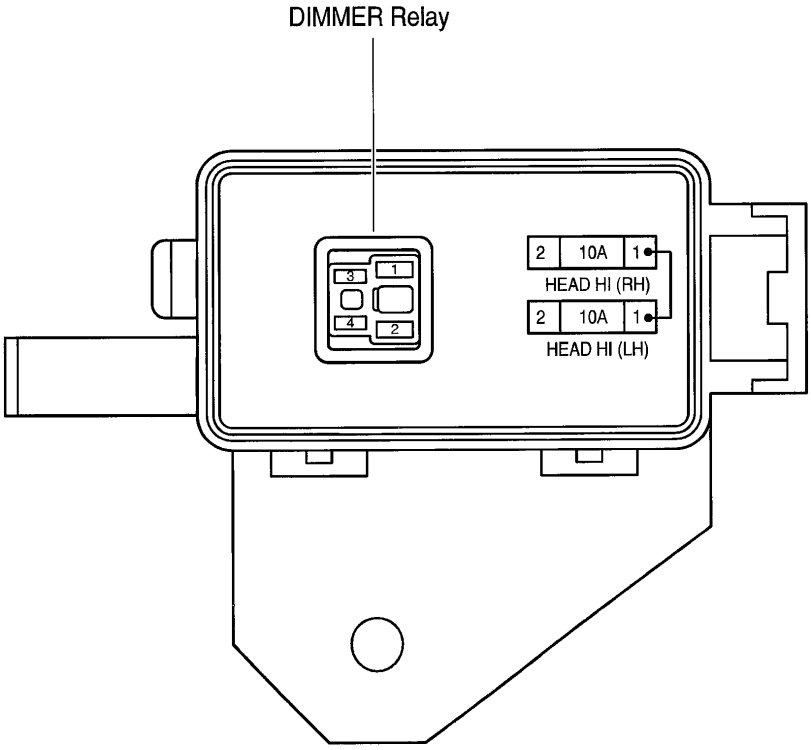
D RELAY LOCATIONS

⑤ : Engine Room R/B	Engine Compartment Left (See Page 22) (Inside Engine Room J/B)

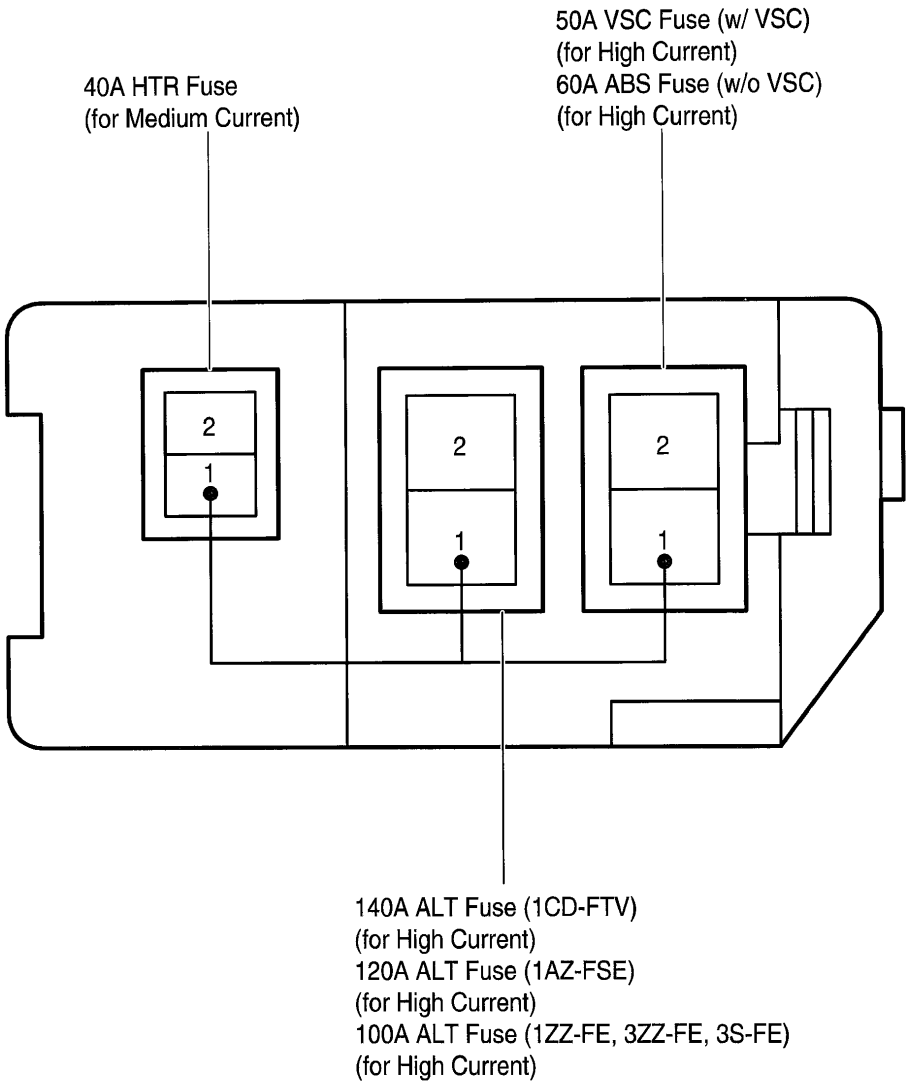


⑦ : R/B No.7	Radiator Upper Support RH (See Page 22)

(w/ Daytime Running Light)

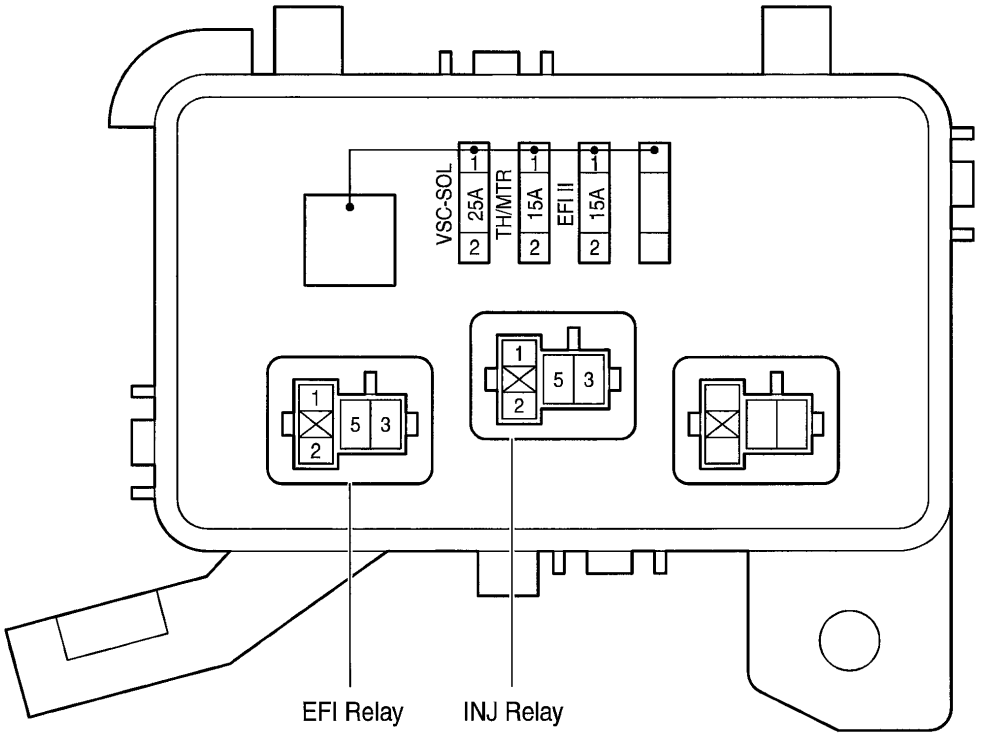


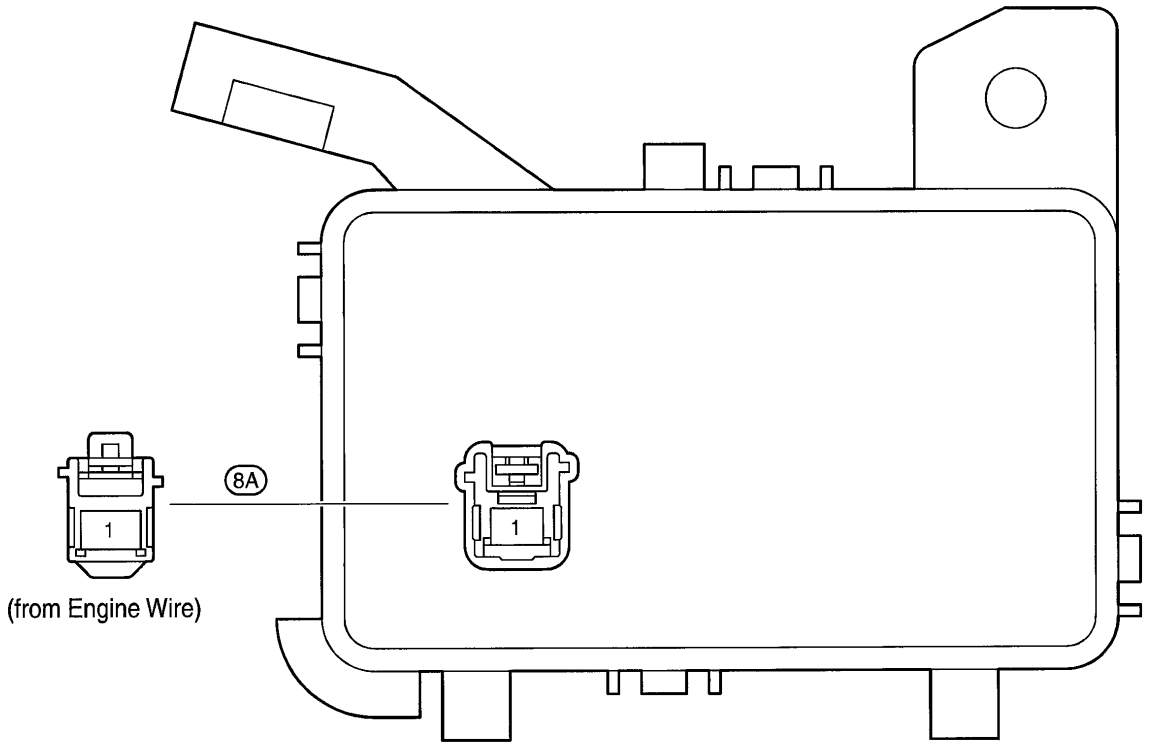
Fusible Link Block	Engine Compartment Left (See Page 22) [Inside Engine Room J/B]



D RELAY LOCATIONS

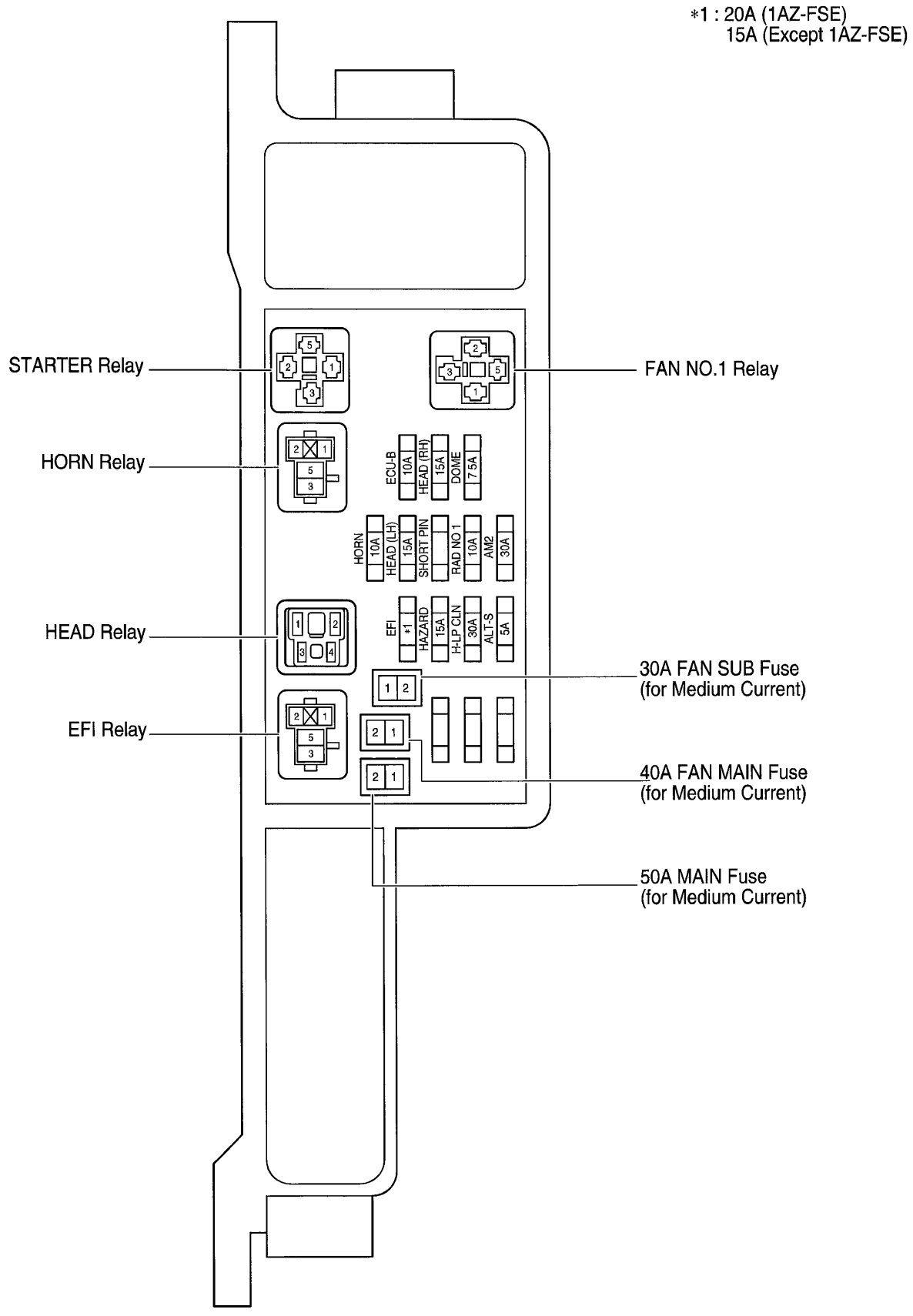
⑧ : Engine Room R/B No.8 ⬭ : Engine Room J/B No.8	Engine Compartment Left (See Page 22)



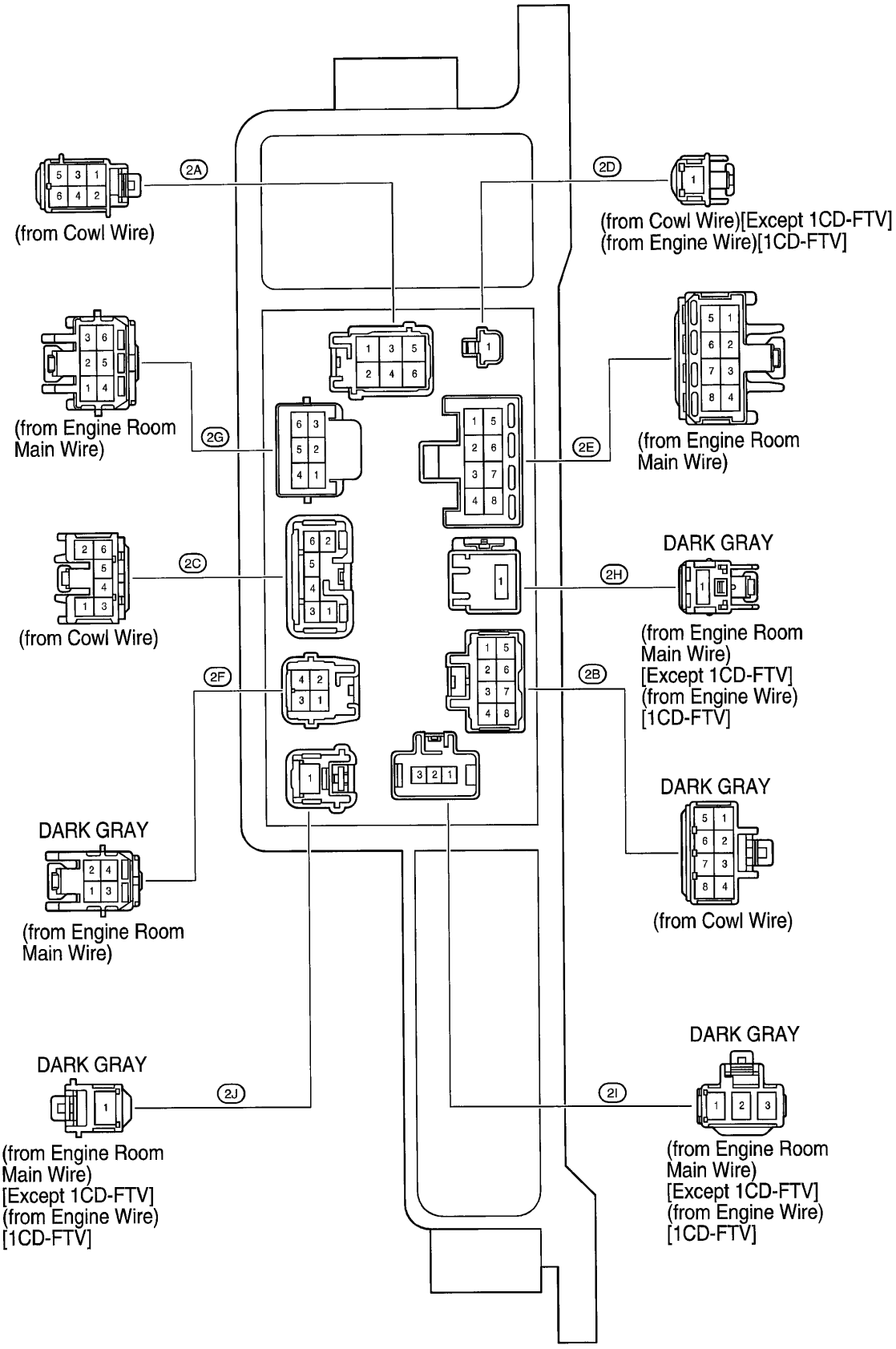


D RELAY LOCATIONS

⬭ : Engine Room J/B	Engine Compartment Left (See Page 22)



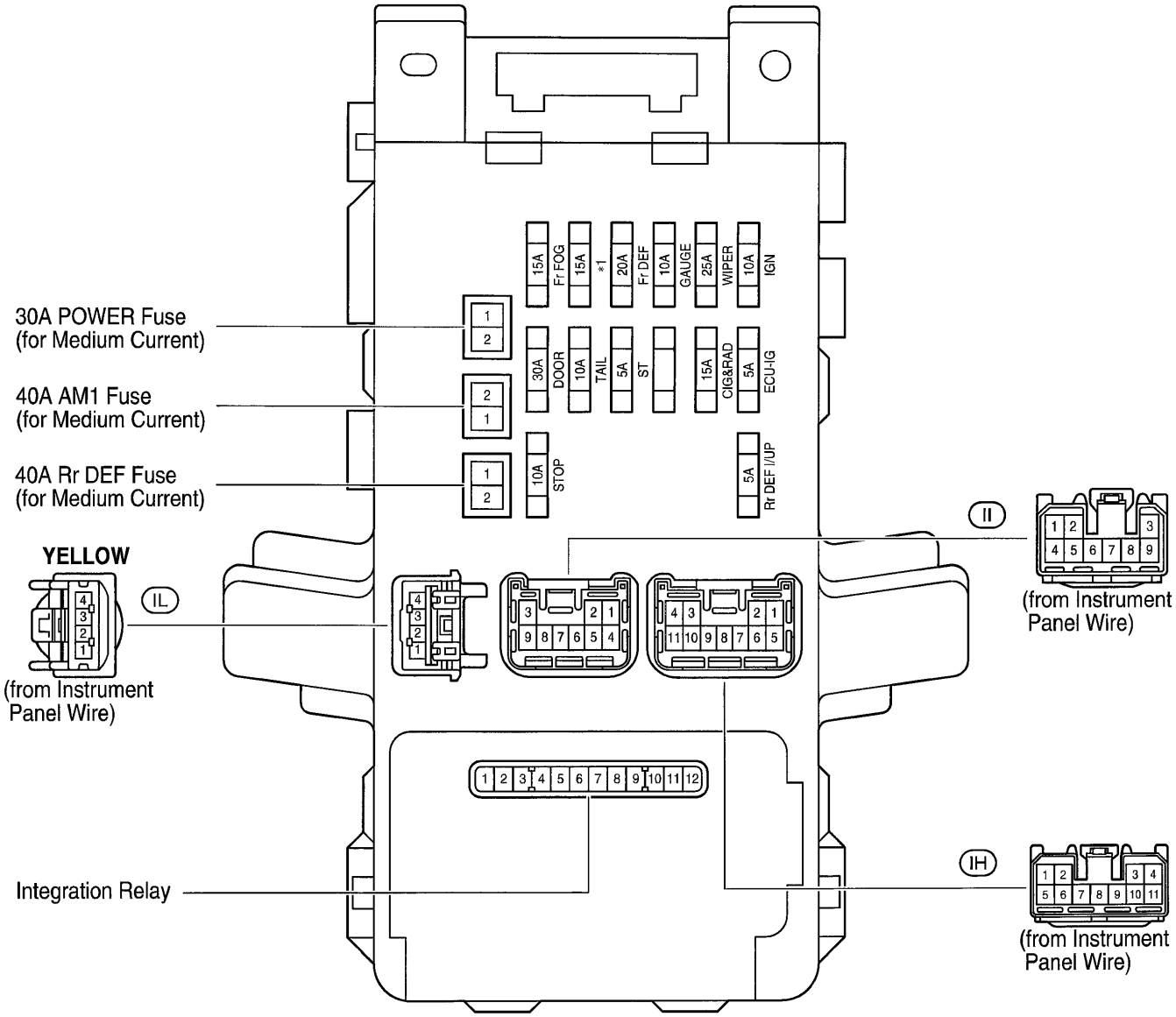
(Inner Circuit : See Page 38)



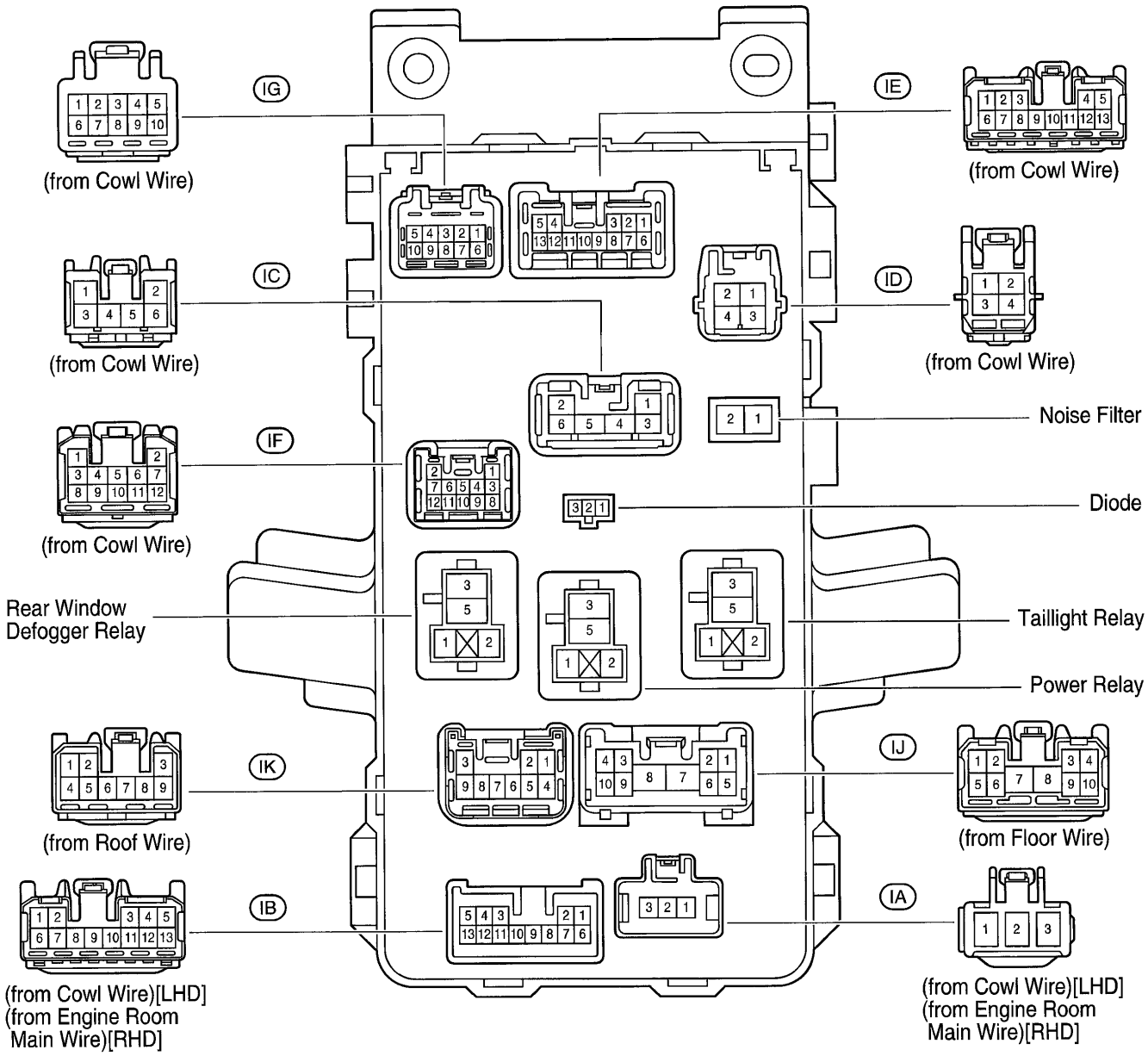
D RELAY LOCATIONS

⬭ : Instrument Panel J/B	Lower Finish Panel (See Page 23)

*1 : SEAT HTR (LHD)
DOOR DL (RHD)

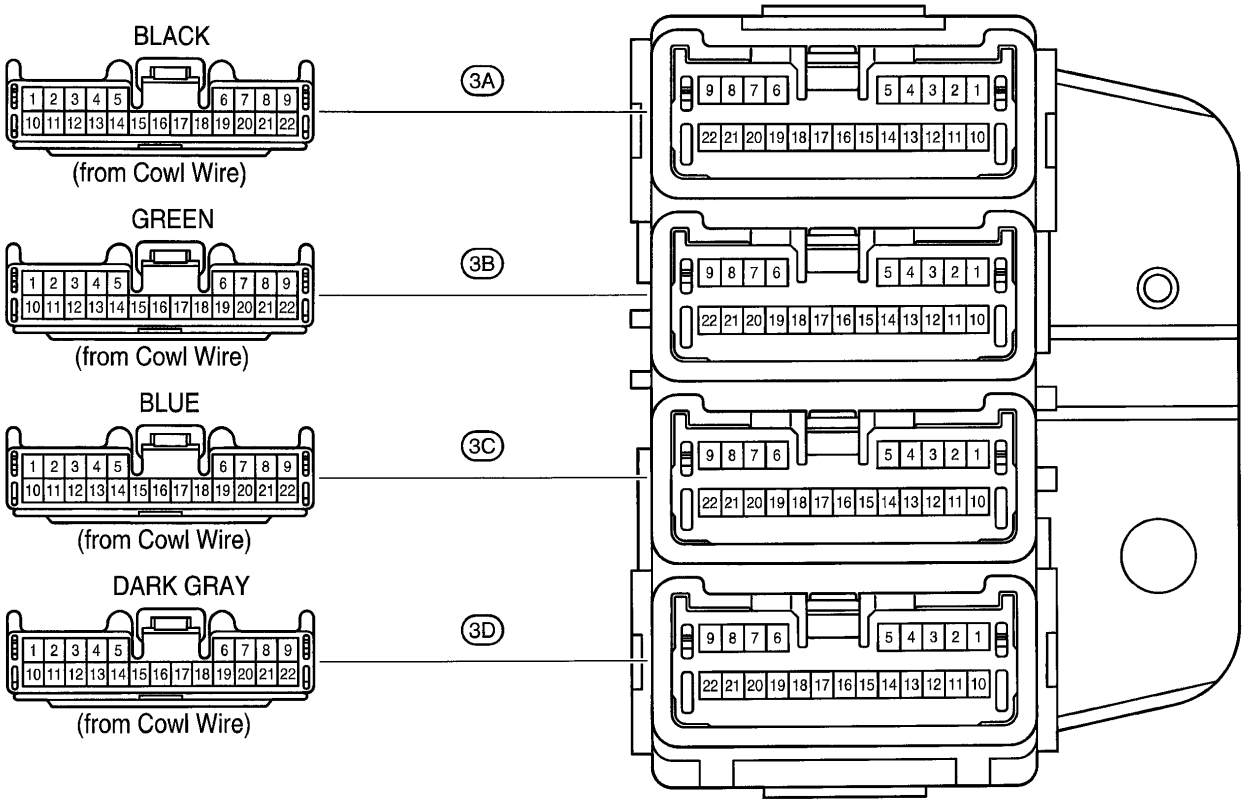


(Inner Circuit : See Page 39)

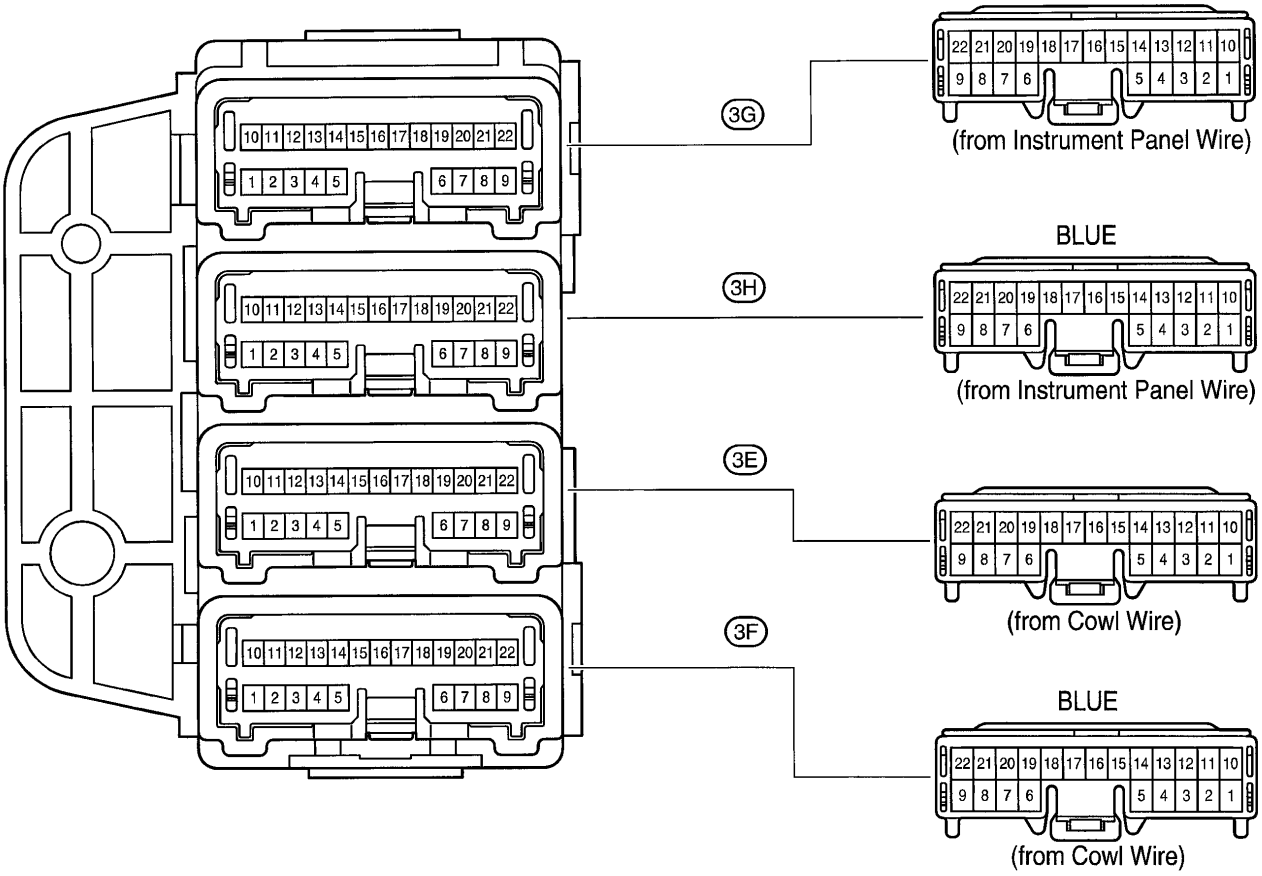


D RELAY LOCATIONS

⬭ : Center J/B	LHD : Left Side of Heater Unit (See Page 23)
	RHD : Right Side of Heater Unit (See Page 23)

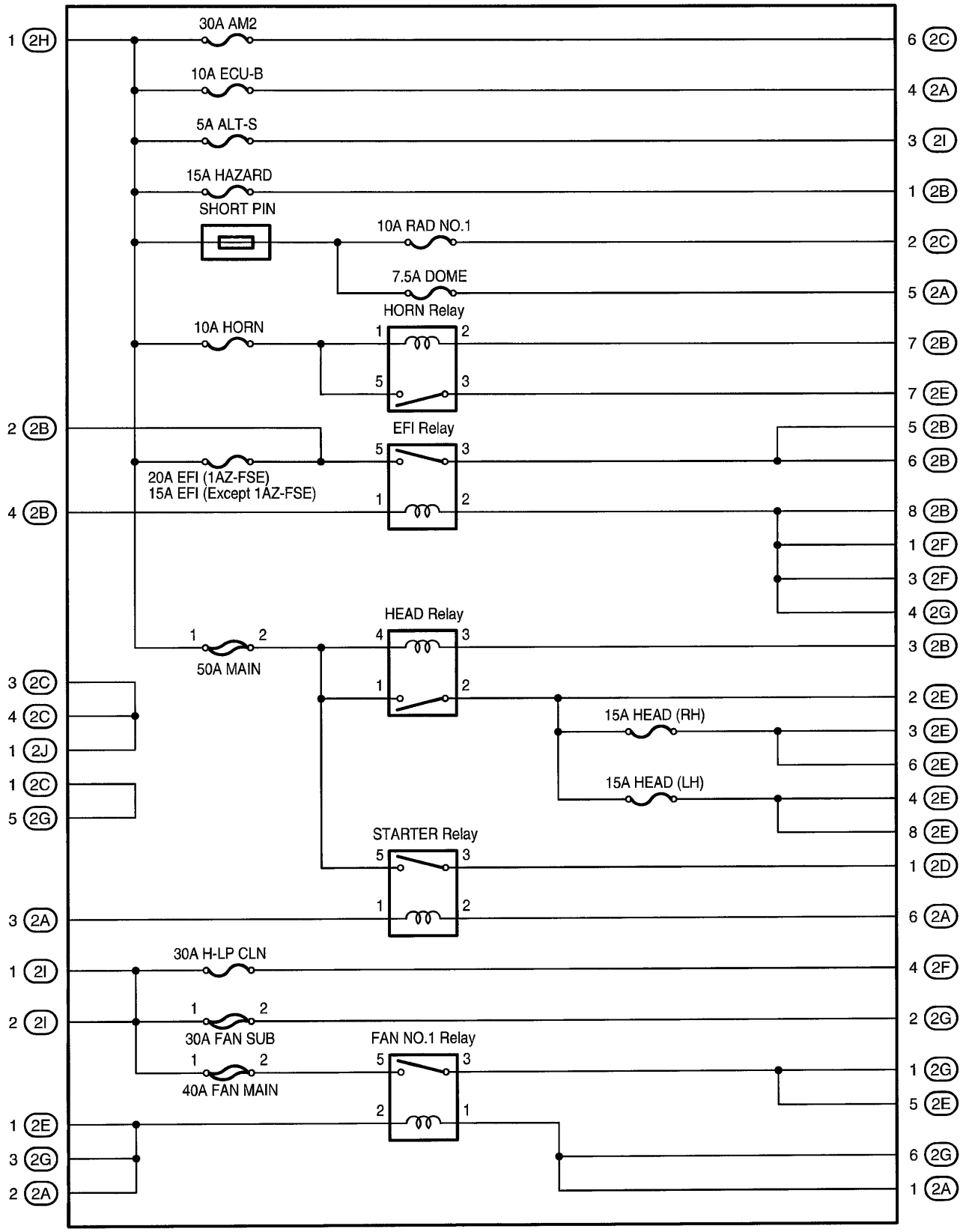


(Inner Circuit : See Page 40)

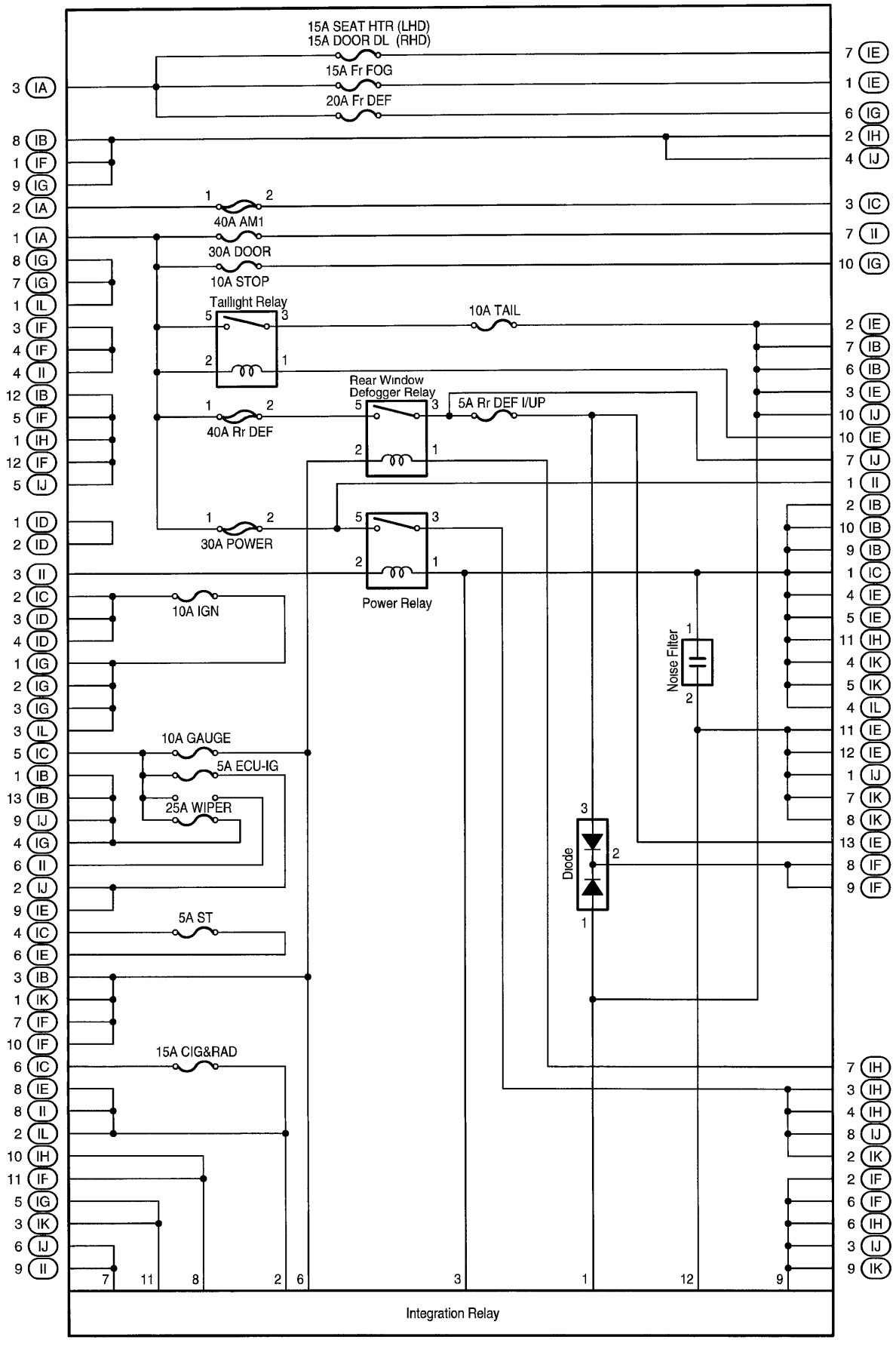


D RELAY LOCATIONS

[Engine Room J/B Inner Circuit]

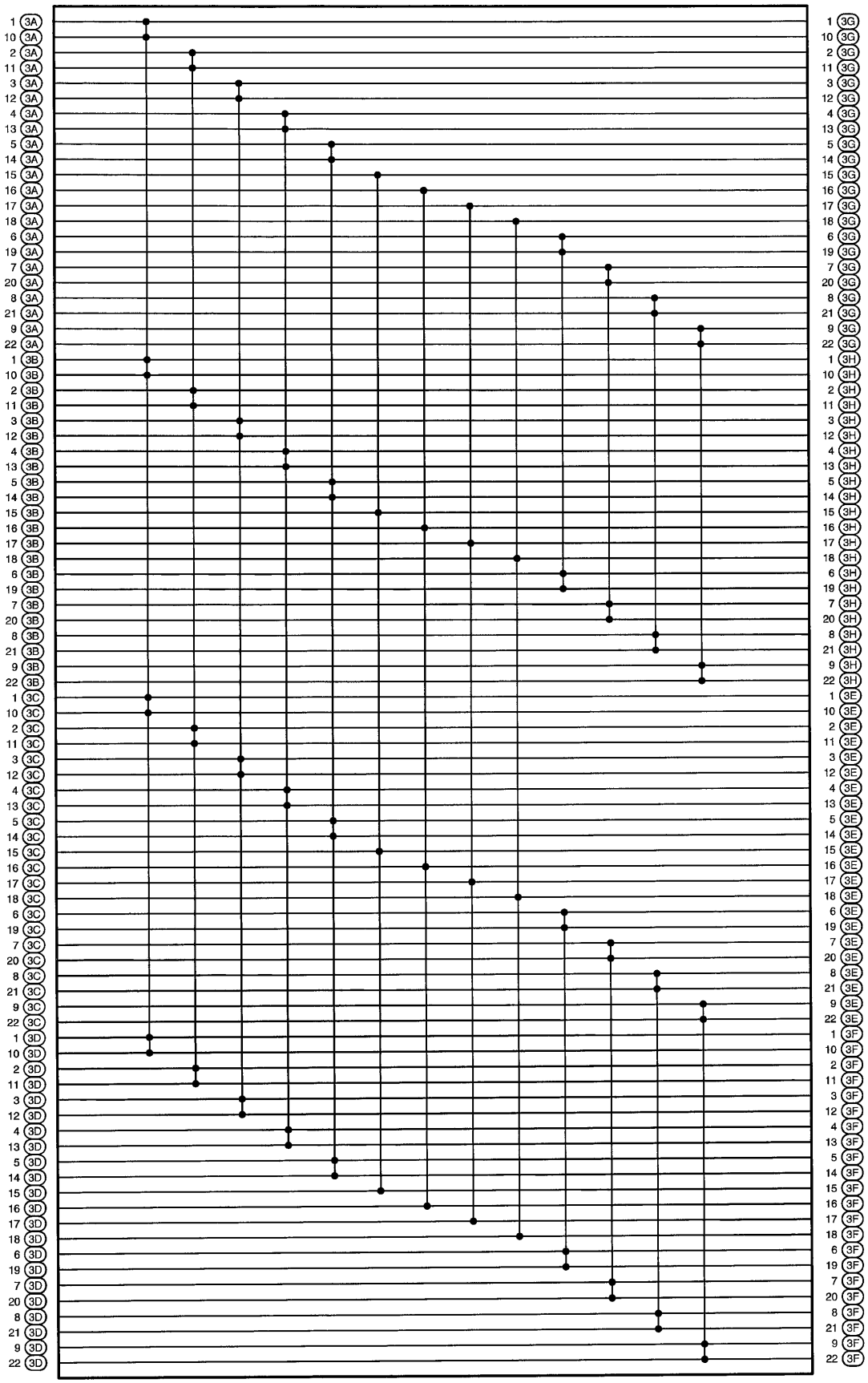


[Instrument Panel J/B Inner Circuit]



D RELAY LOCATIONS

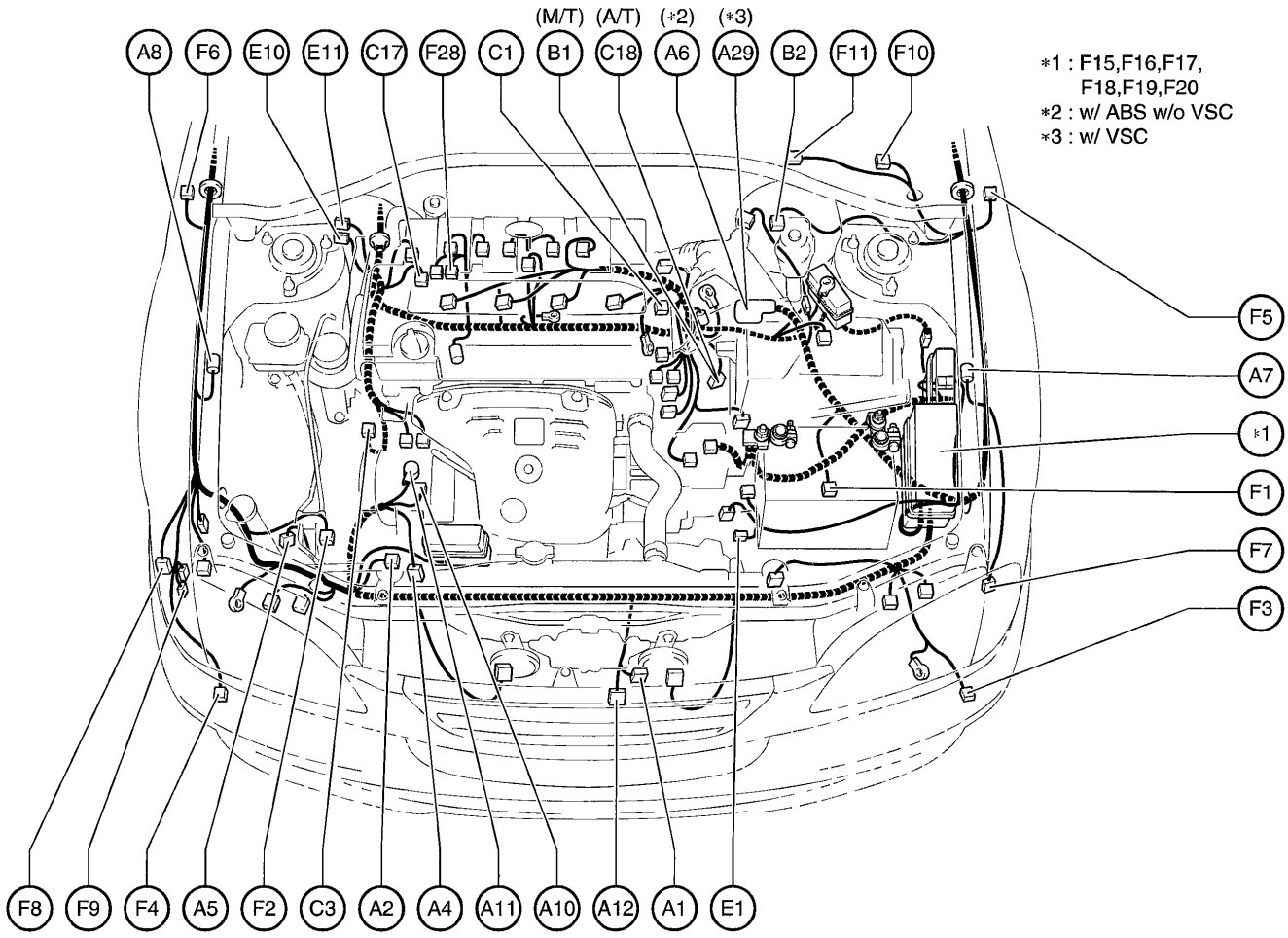
[Center J/B Inner Circuit]



E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 1AZ-FSE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A29 ABS & BA &TRC & VSC ECU with Actuator

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

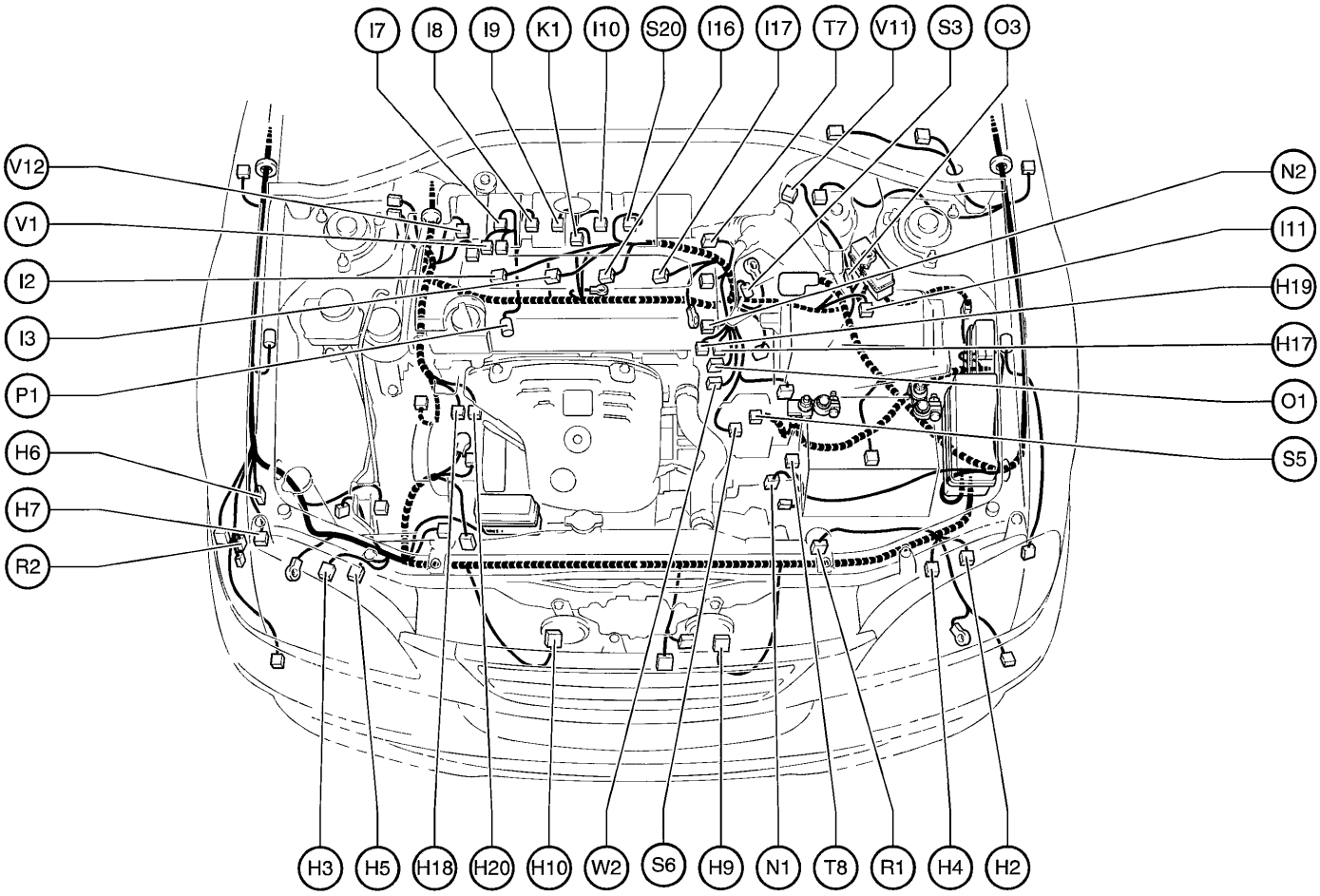
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor
C17 Camshaft Timing Oil Control Valve
C18 Counter Gear Speed Sensor

E 1 ECT Solenoid
E10 Electronic Driver Unit
E11 Electronic Driver Unit

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block
F28 Fuel Pressure Sensor

Position of Parts in Engine Compartment

[LHD : 1AZ-FSE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH
H17 Heated Oxygen Sensor (Bank 1 Sensor 1)
H18 Heated Oxygen Sensor (Bank 1 Sensor 2)
H19 Heated Oxygen Sensor (Bank 2 Sensor 1)
H20 Heated Oxygen Sensor (Bank 2 Sensor 2)

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 16 Ignition Coil and Igniter No.3
I 17 Ignition Coil and Igniter No.4

K 1 Knock Sensor

N 1 Neutral Start SW
N 2 Noise Filter (Ignition System)

O 1 Oil Pressure SW
O 3 Oil Pressure Sensor

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter
S20 Spill Valve

T 7 Throttle Control Motor
T 8 Turbine Speed Sensor

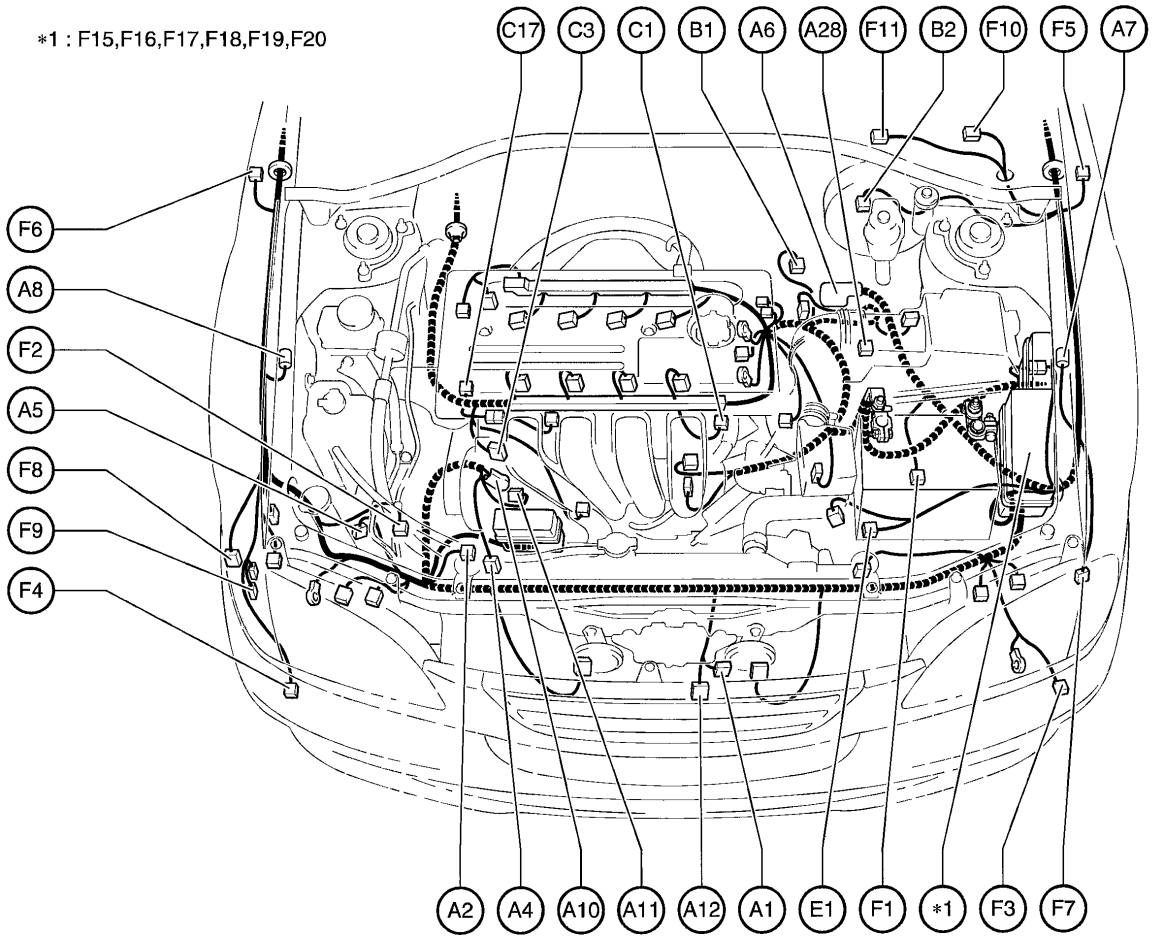
V 1 Vacuum Sensor
V11 VSV (EVAP)
V12 VSV (Intake Air Control Valve)

W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 1ZZ-FE, 3ZZ-FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A28 Air Flow Meter

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

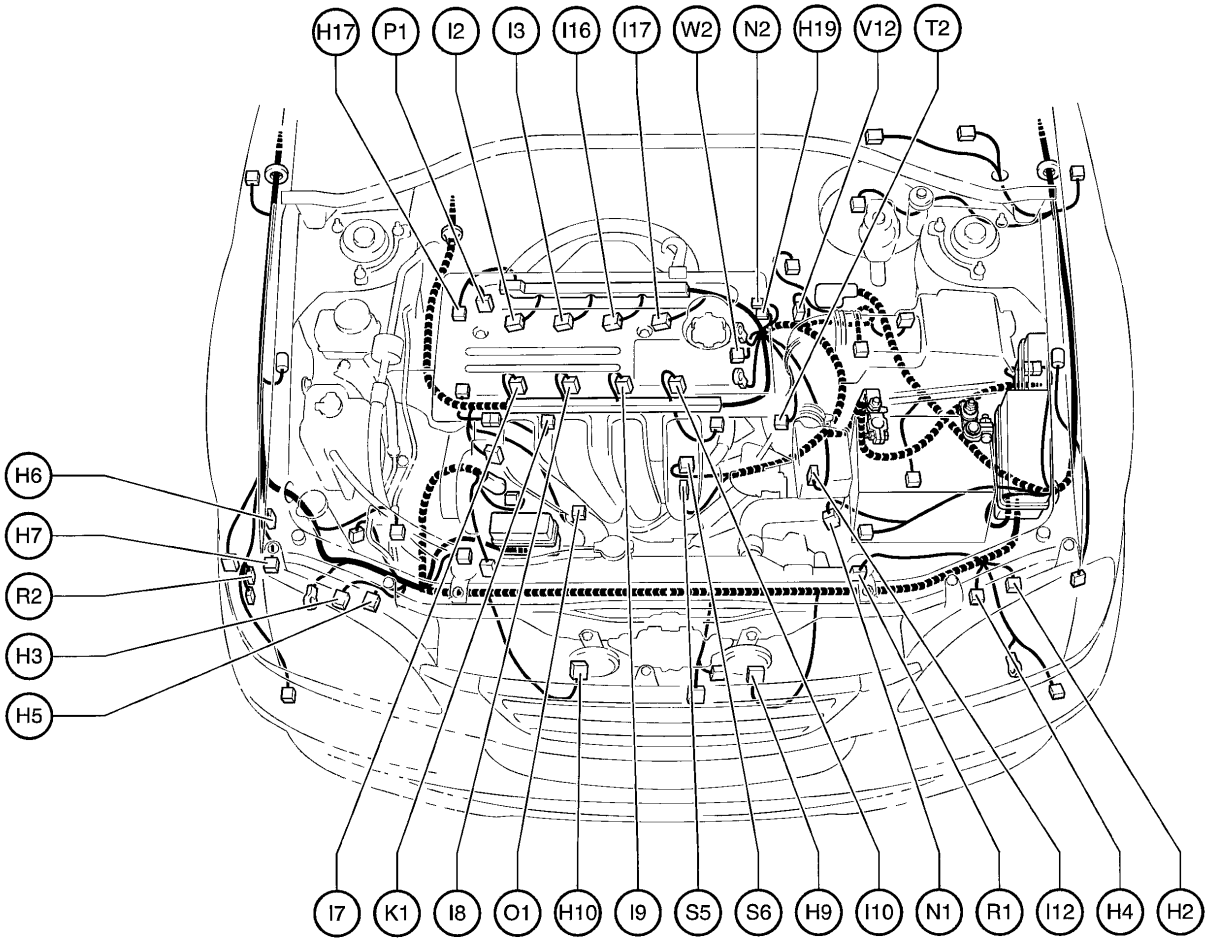
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor
C17 Camshaft Timing Oil Control Valve

E 1 ECT Solenoid

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 1ZZ-FE, 3ZZ-FE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH
H17 Heated Oxygen Sensor (Bank 1 Sensor 1)
H19 Heated Oxygen Sensor (Bank 2 Sensor 1)

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 12 ISC Valve
I 16 Ignition Coil and Igniter No.3
I 17 Ignition Coil and Igniter No.4

K 1 Knock Sensor

N 1 Neutral Start SW
N 2 Noise Filter (Ignition System)

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 5 Starter
S 6 Starter

T 2 Throttle Position Sensor

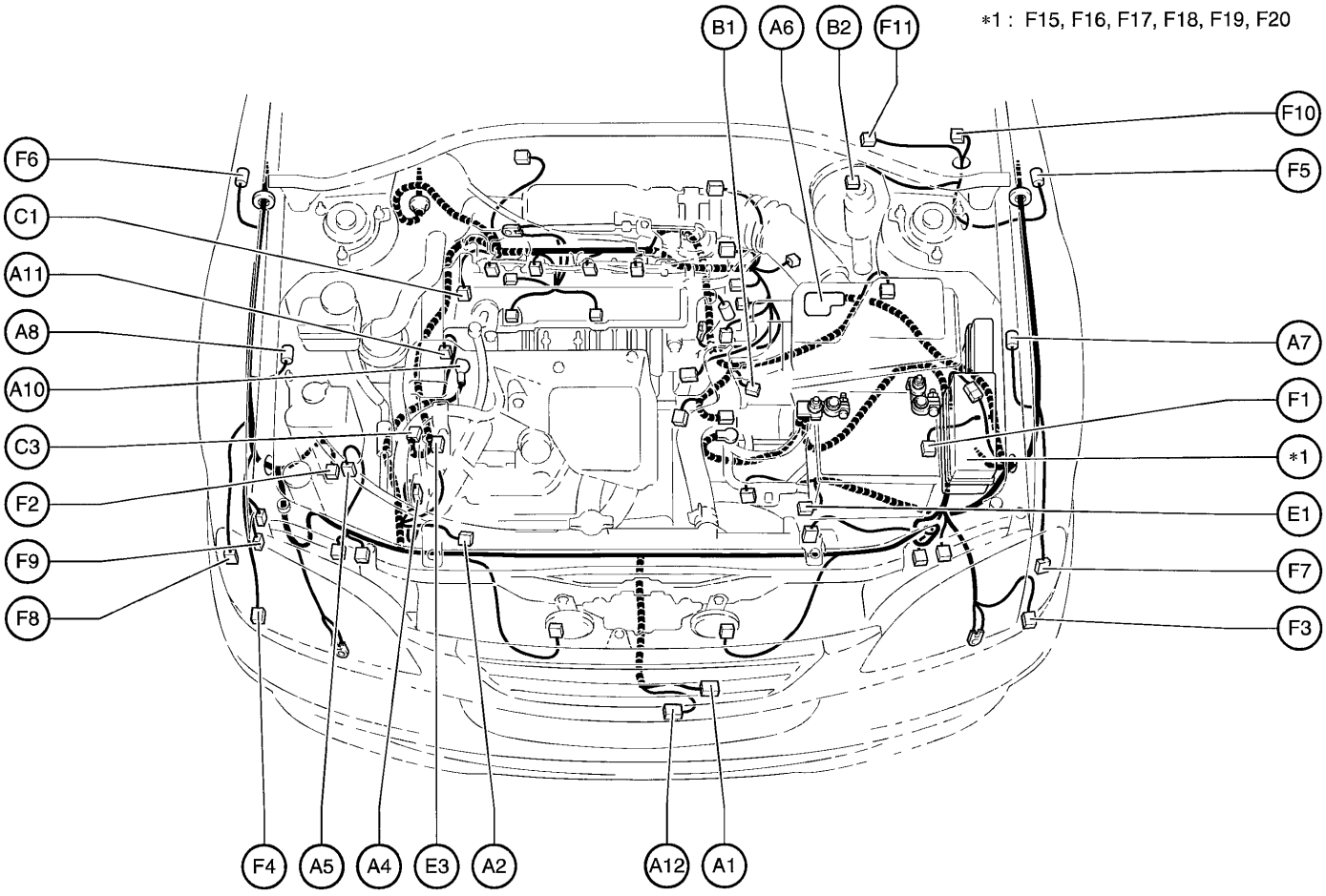
V12 VSV (Swirl Control Valve)

W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 3S-FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

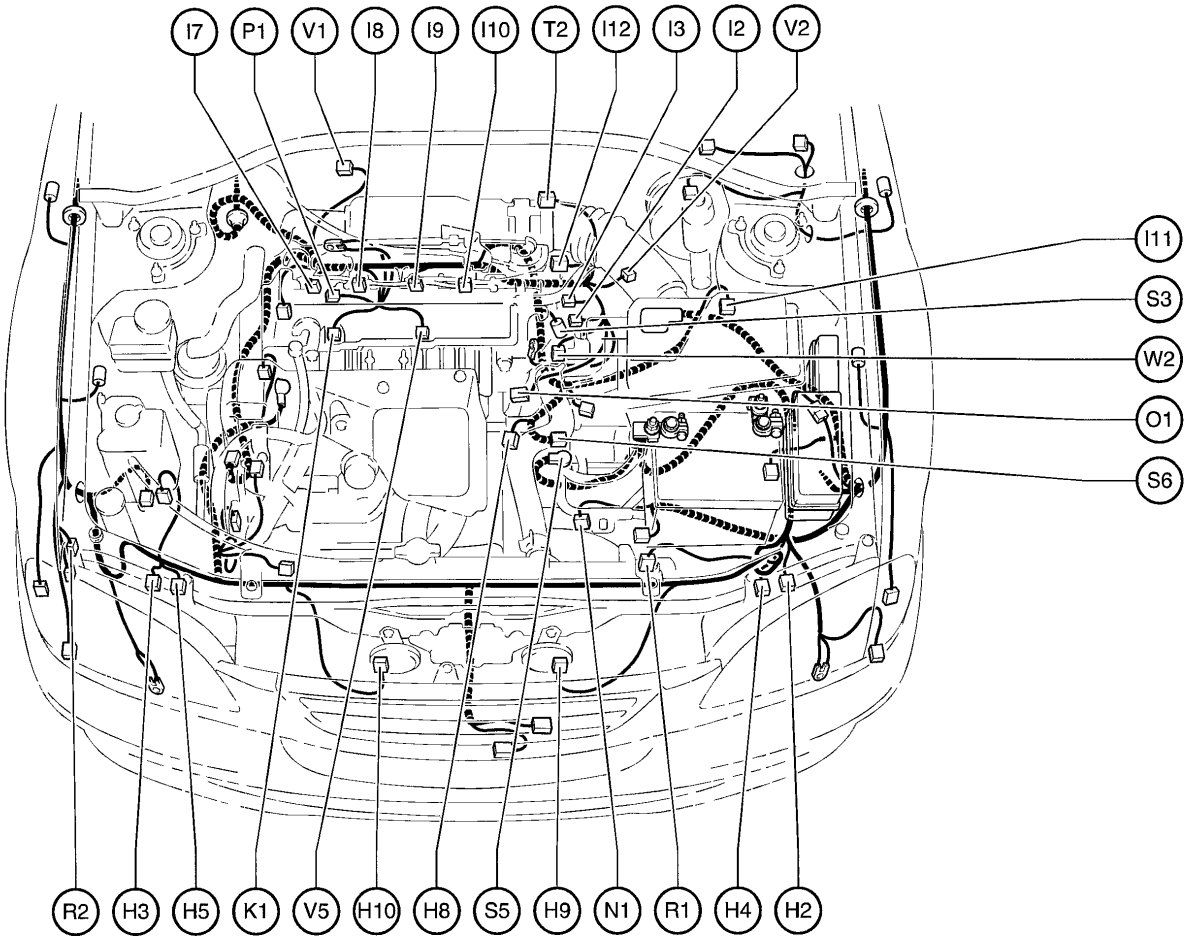
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid
E 3 Engine Oil Level Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 3S-FE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 8 Heated Oxygen Sensor
H 9 Horn LH
H10 Horn RH

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

T 2 Throttle Position Sensor

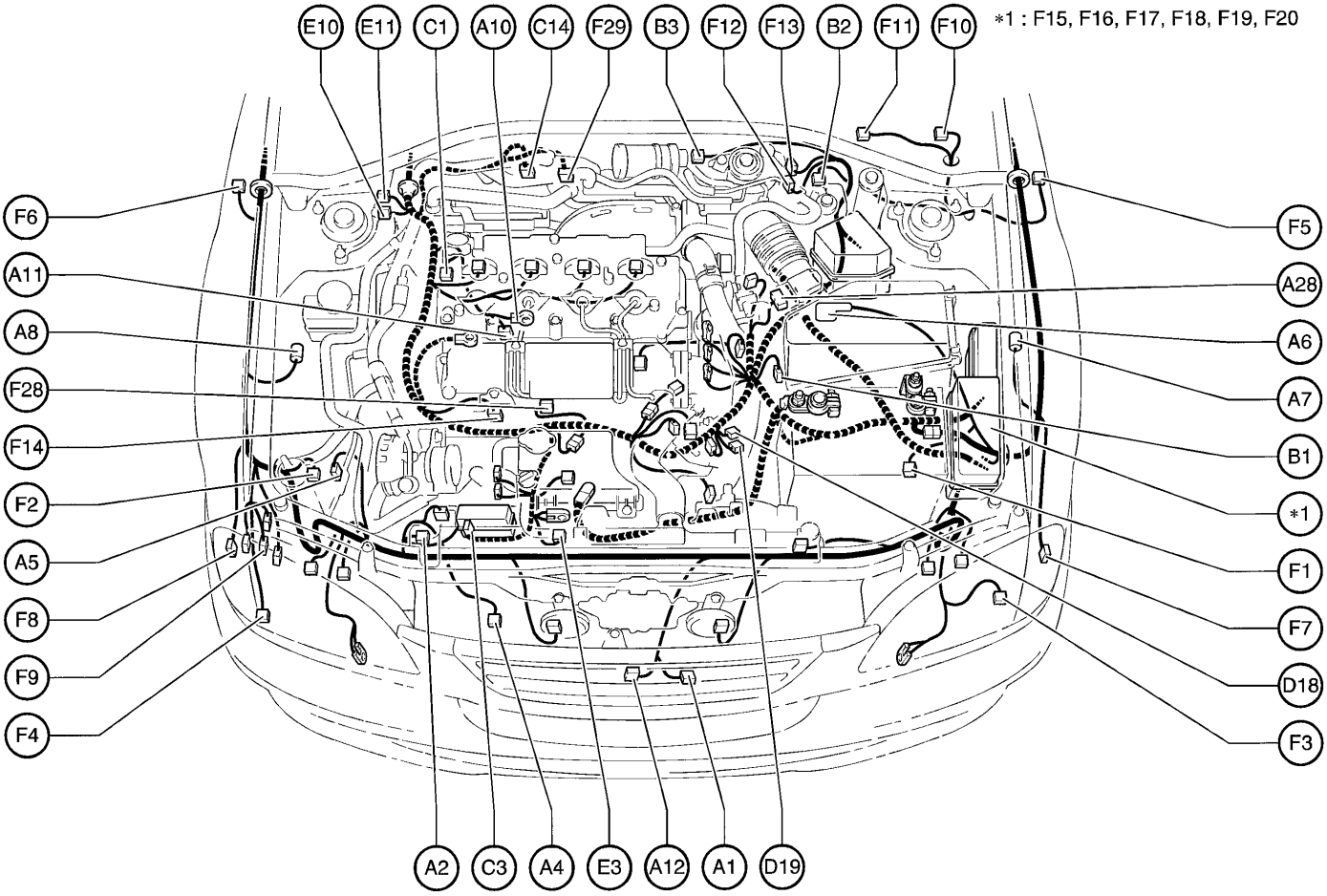
V 1 Vacuum Sensor
V 2 Variable Resistor
V 5 VSV (EGR)

W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 1CD-FTV]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A28 Air Flow Meter

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor
C14 Combustion Type Power Heater

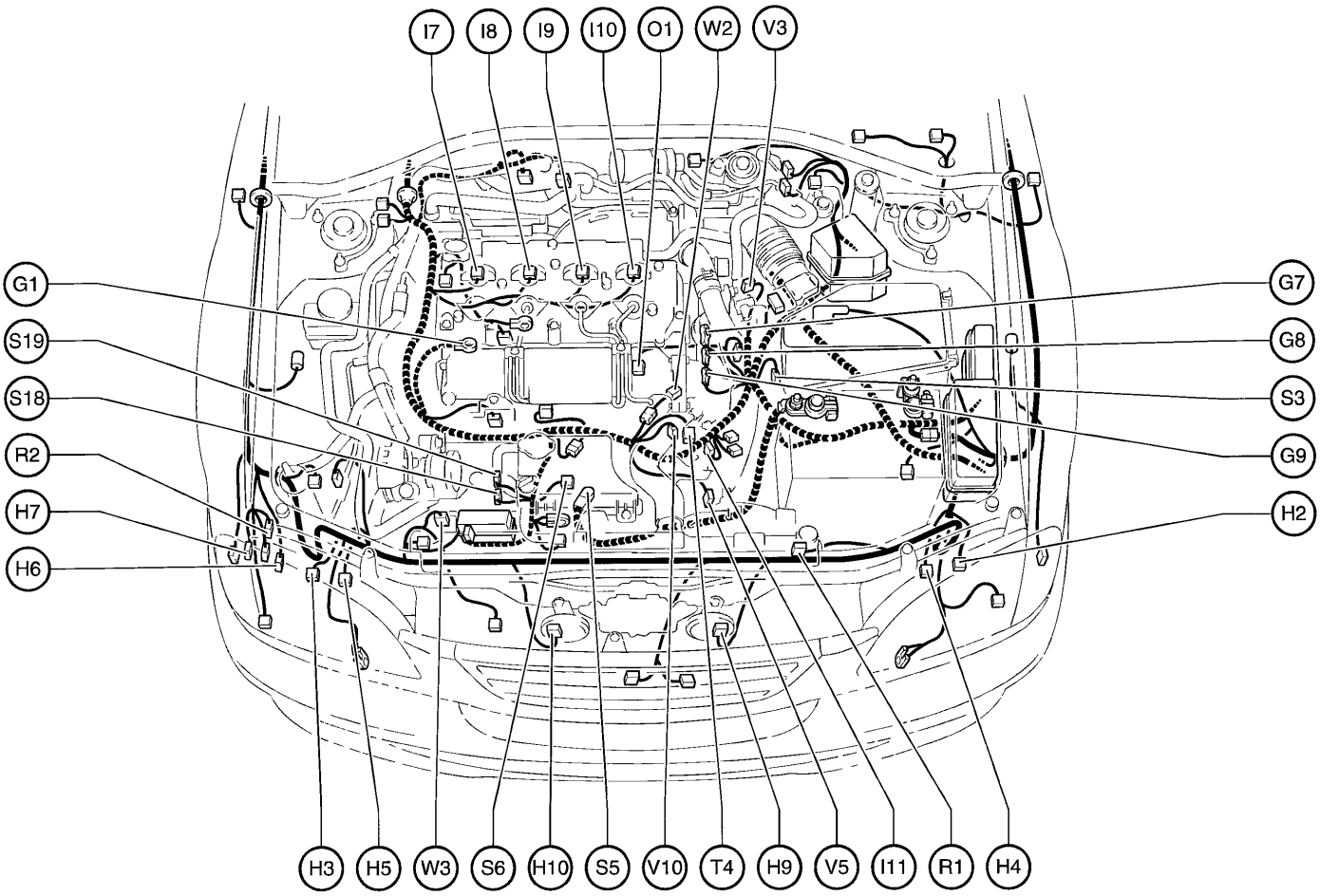
D18 Diesel Throttle Control Motor
D19 Diesel Throttle Position Sensor

E 3 Engine Oil Level Sensor
E10 Electronic Driver Unit
E11 Electronic Driver Unit

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F12 Fuel Heater
F13 Fuel Sedimentary SW
F14 Fuel Temp. Sensor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block
F28 Fuel Pressure Sensor
F29 Fuel Pump

Position of Parts in Engine Compartment

[LHD : 1CD-FTV]



G 1 Glow Plug (Engine)
G 7 Glow Plug (Power Heater)
G 8 Glow Plug (Power Heater)
G 9 Glow Plug (Power Heater)

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH

I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter
S18 Suction Control Valve 1
S19 Suction Control Valve 2

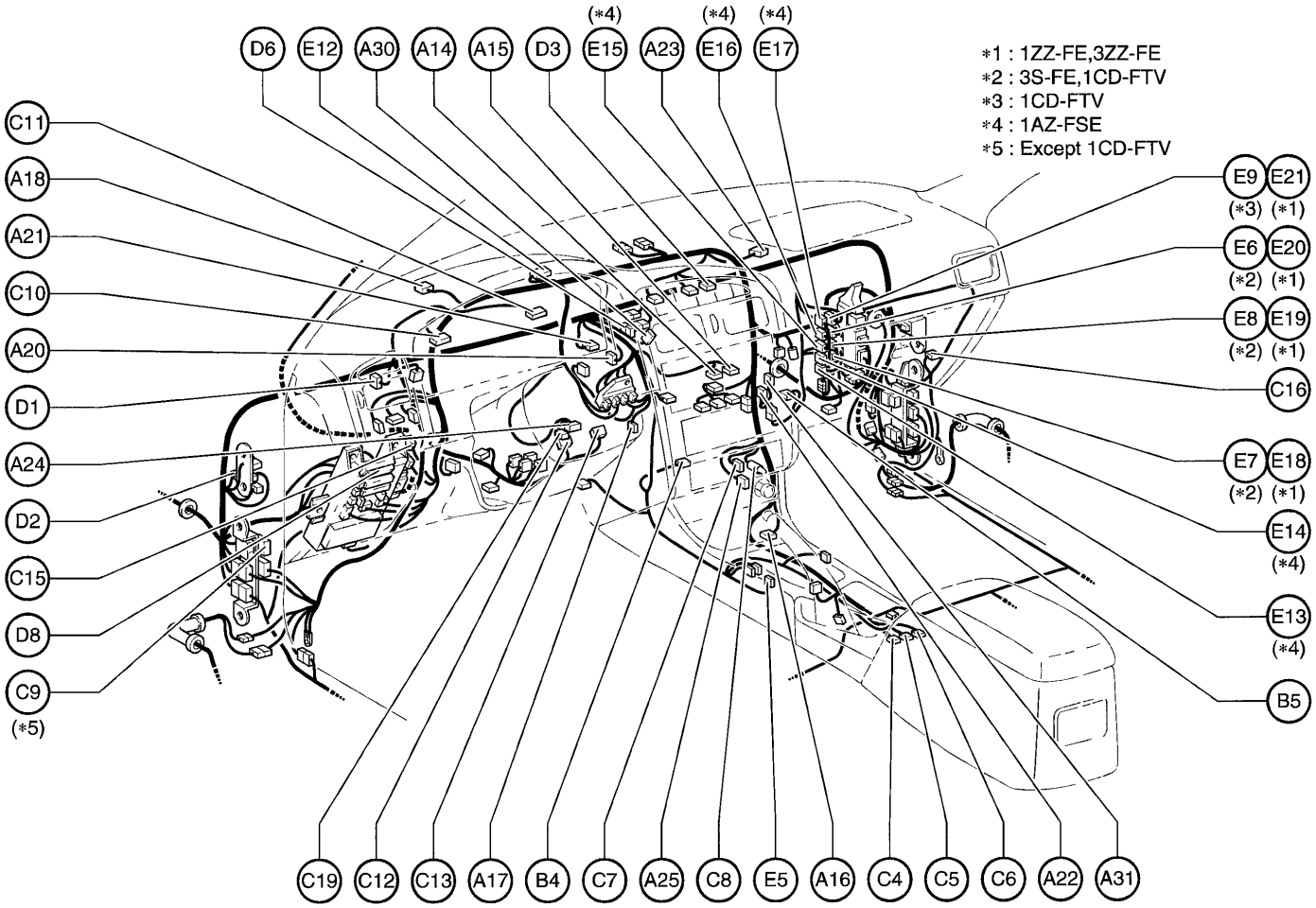
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 5 VSV (EGR)
V10 VSV (Turbo Pressure Sensor)

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Instrument Panel

[LHD]



A 14 A/C Amplifier
A 15 A/C Amplifier
A 16 A/C Evaporator Temp. Sensor
A 17 A/C Room Temp. Sensor
A 18 A/C Solar Sensor
A 20 Accelerator Pedal Position Sensor
A 21 Accelerator Position SW
A 22 Air Mix Control Servo Motor
A 23 Airbag Squib (Front Passenger Airbag Assembly)
A 24 Airbag Squib (Steering Wheel Pad)
A 25 Ashtray Illumination
A 30 Air Vent Mode Control Servo Motor
A 31 Air Inlet Control Servo Motor

B 4 Blower Controller
B 5 Blower Motor

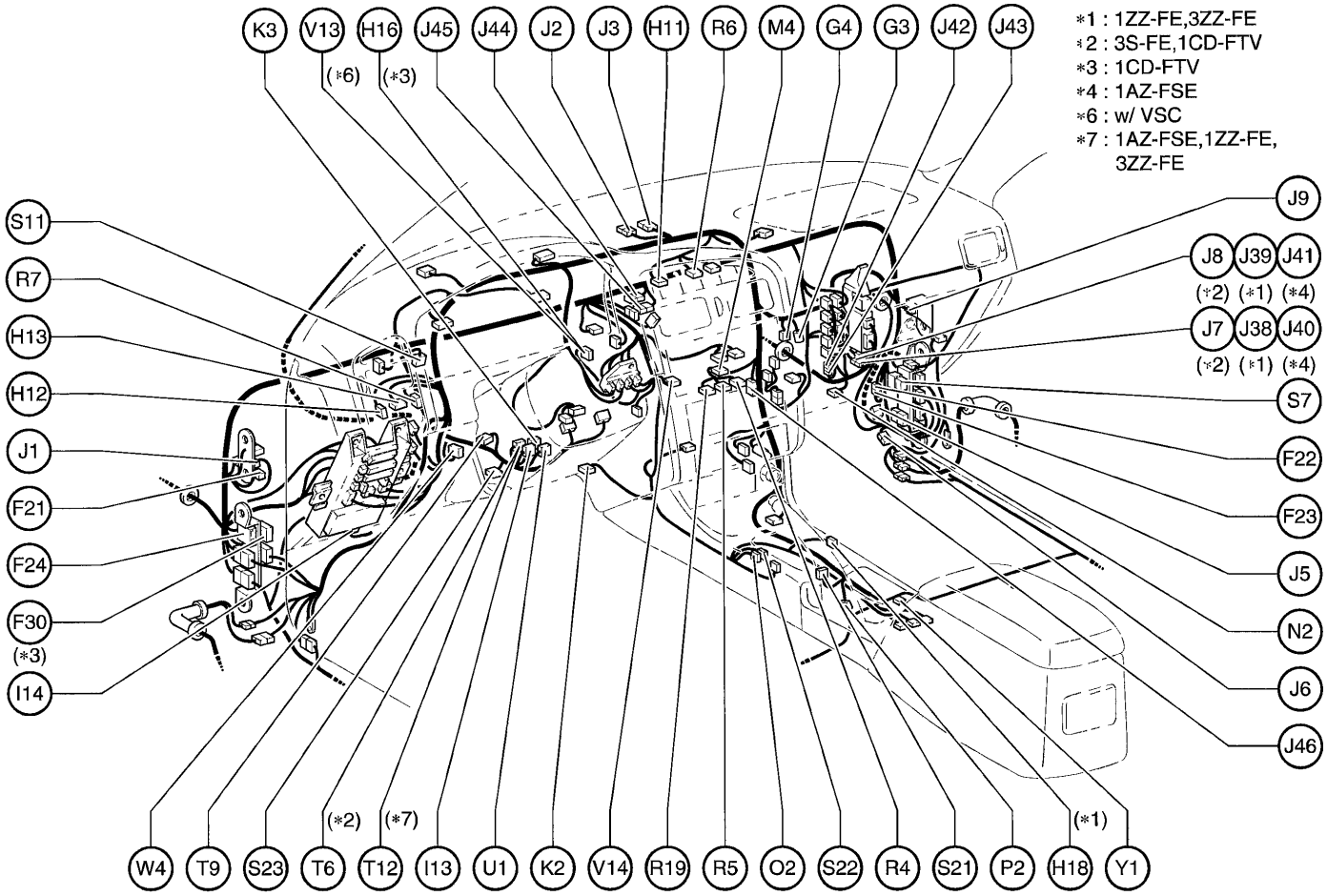
C 4 Center Airbag Sensor Assembly
C 5 Center Airbag Sensor Assembly
C 6 Center Airbag Sensor Assembly
C 7 Cigarette Lighter
C 8 Cigarette Lighter Illumination
C 9 Circuit Opening Relay
C 10 Combination Meter
C 11 Combination Meter
C 12 Combination SW
C 13 Combination SW
C 15 Curtain Airbag Squib LH
C 16 Curtain Airbag Squib RH
C 19 Combination SW

D 1 Daytime Running Light Relay
D 2 Defogger Relay
D 3 Deicer SW or Short Connector (Deicer SW)
D 6 Diode (Idle-Up)
D 8 DLC3

E 5 ECT Pattern Select SW
E 6 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 7 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 8 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 9 Engine ECU
E 12 EBD Resistor
E 13 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 14 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 15 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 16 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 17 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 18 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 19 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 20 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 21 Engine and ECT ECU

Position of Parts in Instrument Panel

[LHD]



F 21 Front Fog Light Relay
F 22 Fuel Control Connector
F 23 Fuel Control Connector
F 24 Fuse Box
F 30 Fuse Box

G 3 Glove Box Light
G 4 Glove Box Light SW

H 11 Hazard SW
H 12 Headlight Beam Level Control SW
H 13 Headlight Cleaner SW
H 16 Heater SW
H 18 Heated Oxygen Sensor (Bank 1 Sensor 2)

I 13 Ignition SW
I 14 Integration Relay

J 1 Junction Connector
J 2 Junction Connector
J 3 Junction Connector
J 5 Junction Connector
J 6 Junction Connector
J 7 Junction Connector
J 8 Junction Connector
J 9 Junction Connector
J 38 Junction Connector
J 39 Junction Connector
J 40 Junction Connector
J 41 Junction Connector
J 42 Junction Connector
J 43 Junction Connector
J 44 Junction Connector
J 45 Junction Connector
J 46 Junction Connector

K 2 Kick Down SW
K 3 Key Interlock Solenoid

M 4 Multi Display

N 2 Noise Filter (Ignition System)

O 2 O/D Main SW

P 2 Parking Brake SW

R 4 Radio and Player
R 5 Radio and Player
R 6 Rear Window Defogger SW
R 7 Remote Control Mirror SW
R 19 Radio and Player

S 7 Seat Heater Relay
S 11 Stop Light SW
S 21 Seat Heater SW
S 22 Shift Lock Control ECU
S 23 Steering Sensor

T 6 Transponder Key ECU
T 9 Turn Signal Flasher Relay
T 12 Transponder Key Amplifier

U 1 Unlock Warning SW

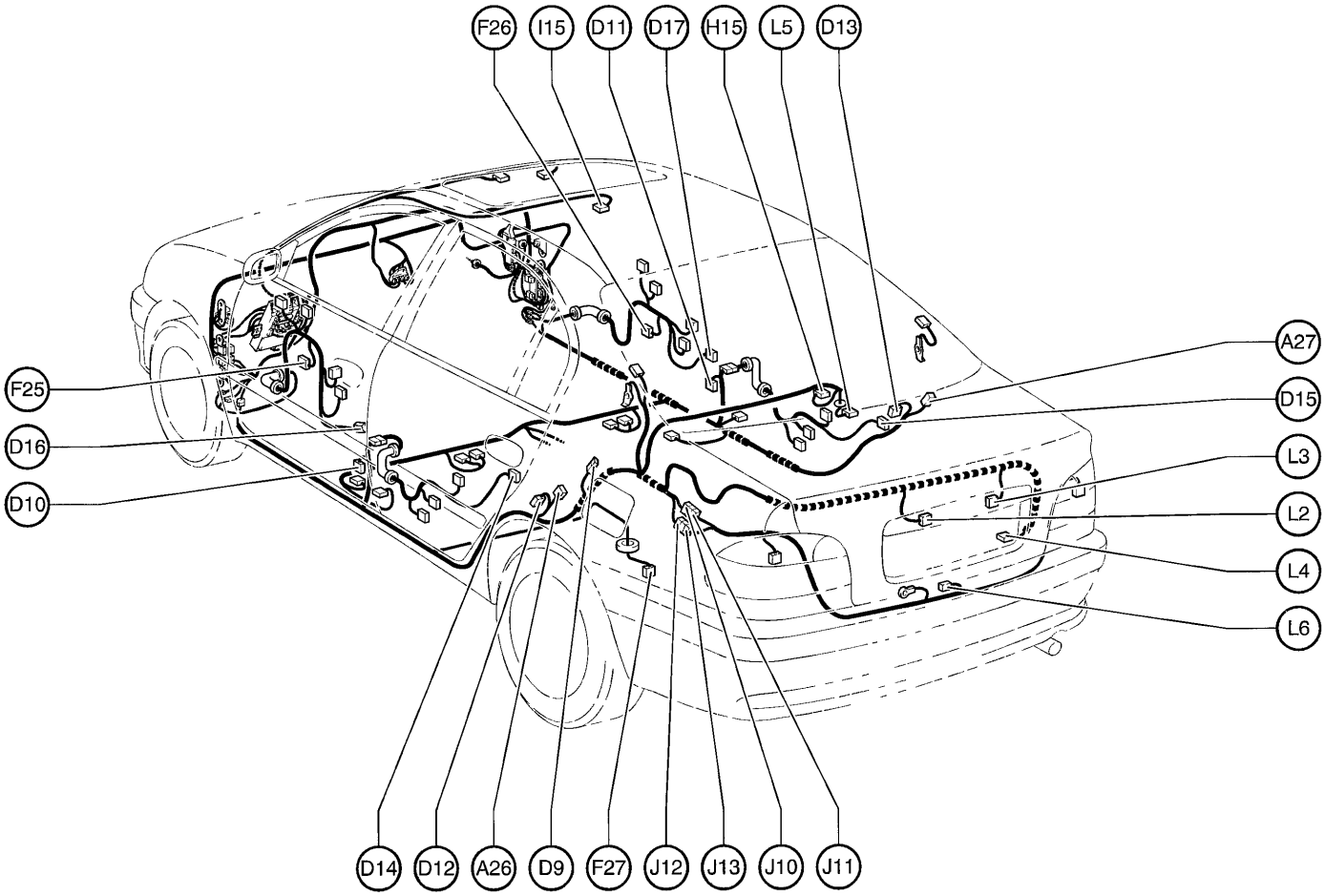
V 13 VSC Off SW
V 14 VSC Warning Buzzer

W 4 Wireless Door Lock ECU

Y 1 Yaw Rate Sensor

Position of Parts in Body

[LHD : S/D]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

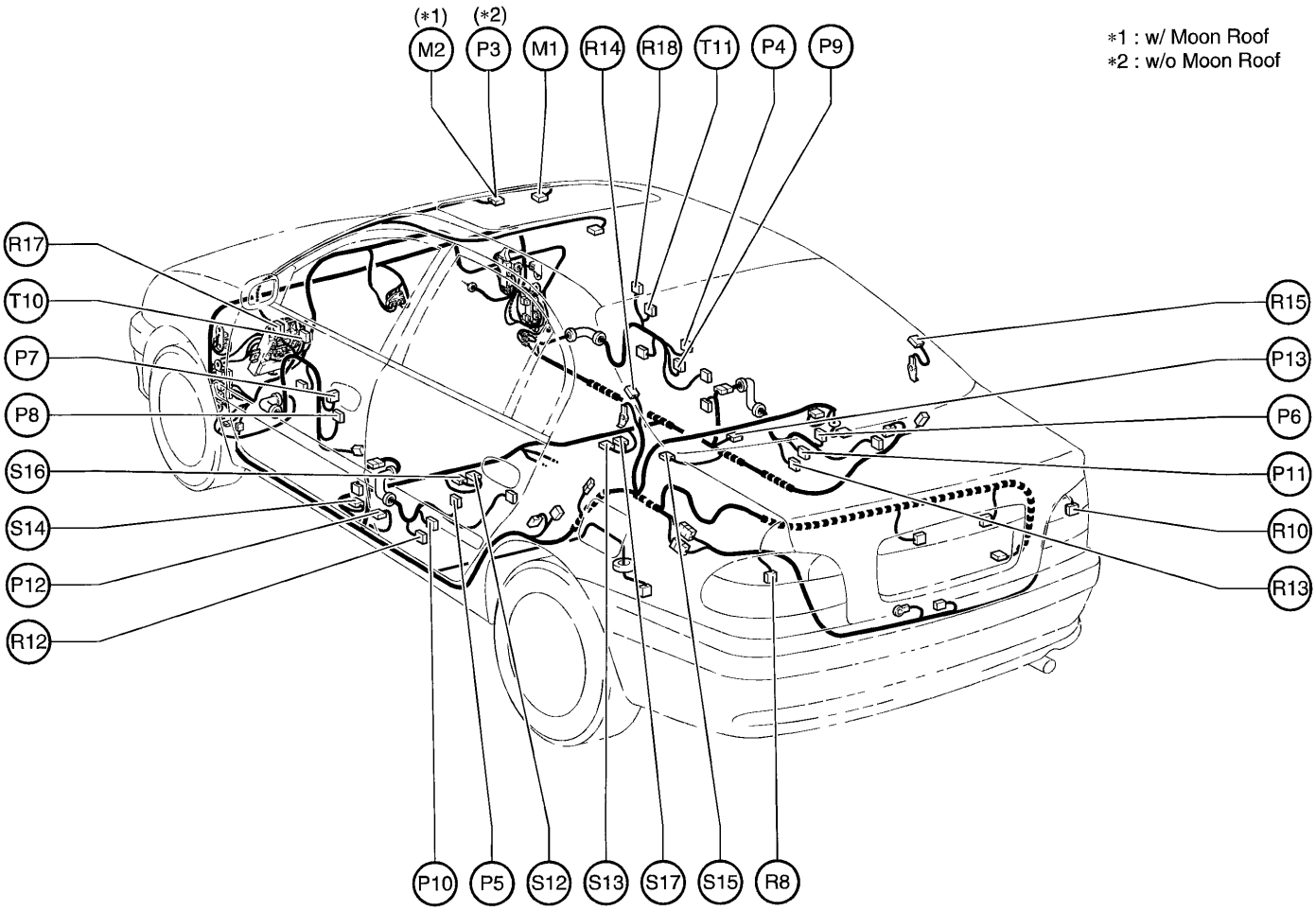
I 15 Interior Light

J 10 Junction Connector
J 11 Junction Connector
J 12 Junction Connector
J 13 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 4 Luggage Compartment Door Lock Motor
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[LHD : S/D]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

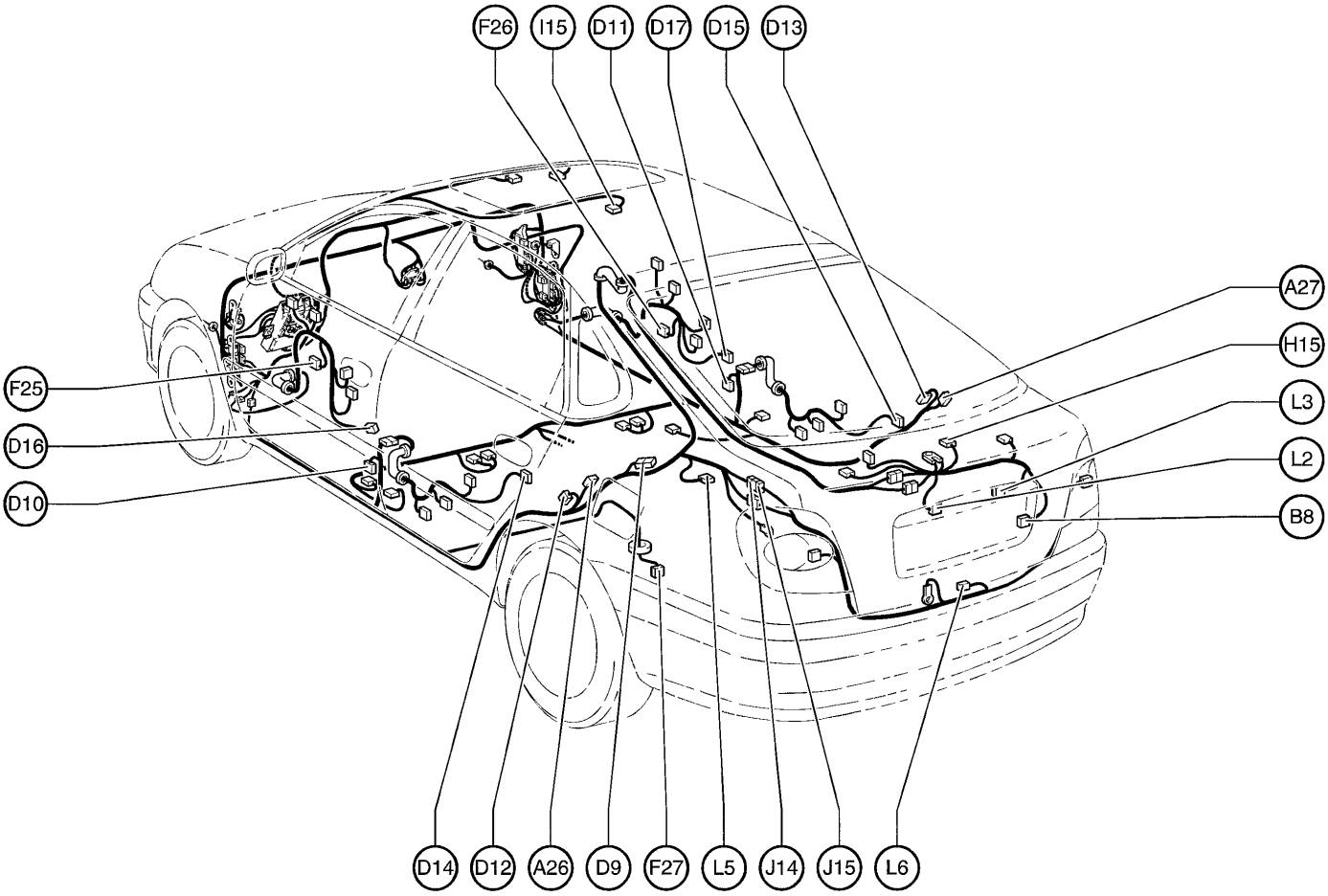
S12 Seat Heater (Driver's Seat)
S13 Seat Heater (Front Passenger's Seat)
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

T10 Tweeter LH
T11 Tweeter RH

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : L/B]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

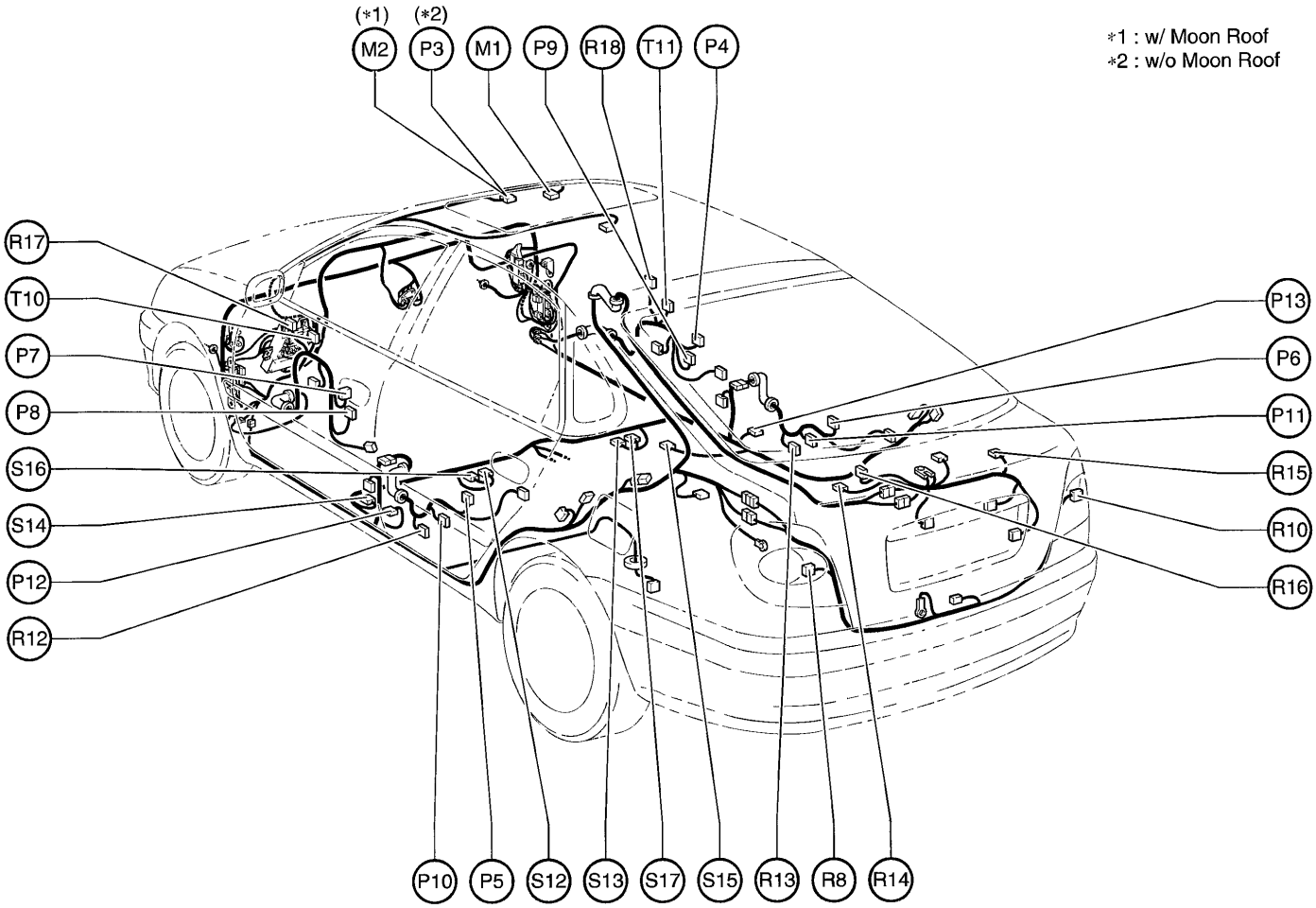
I 15 Interior Light

J 14 Junction Connector
J 15 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[LHD : L/B]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

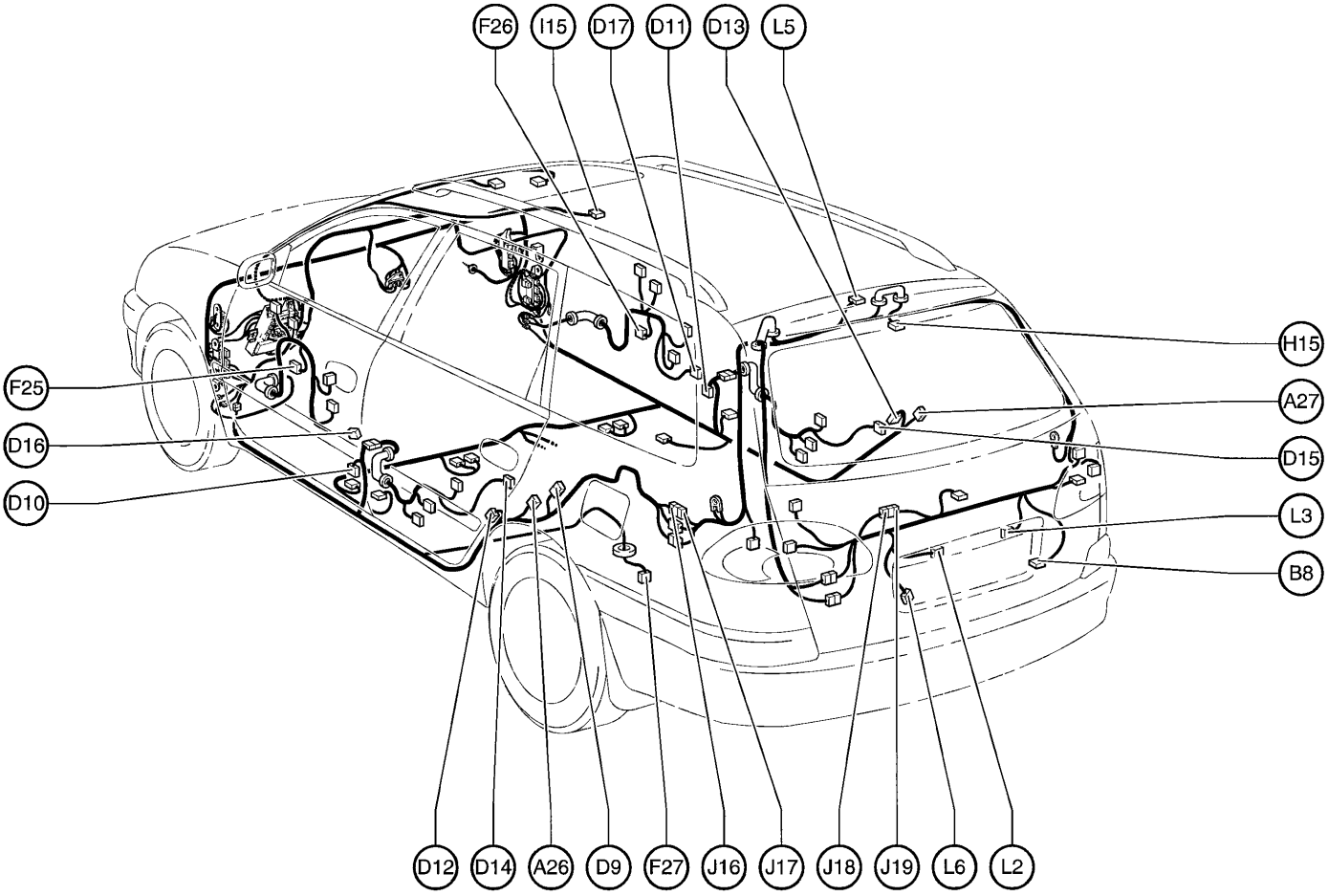
R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S12 Seat Heater (Driver's Seat)
S13 Seat Heater (Front Passenger's Seat)
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

T10 Tweeter LH
T11 Tweeter RH

Position of Parts in Body

[LHD : W/G]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

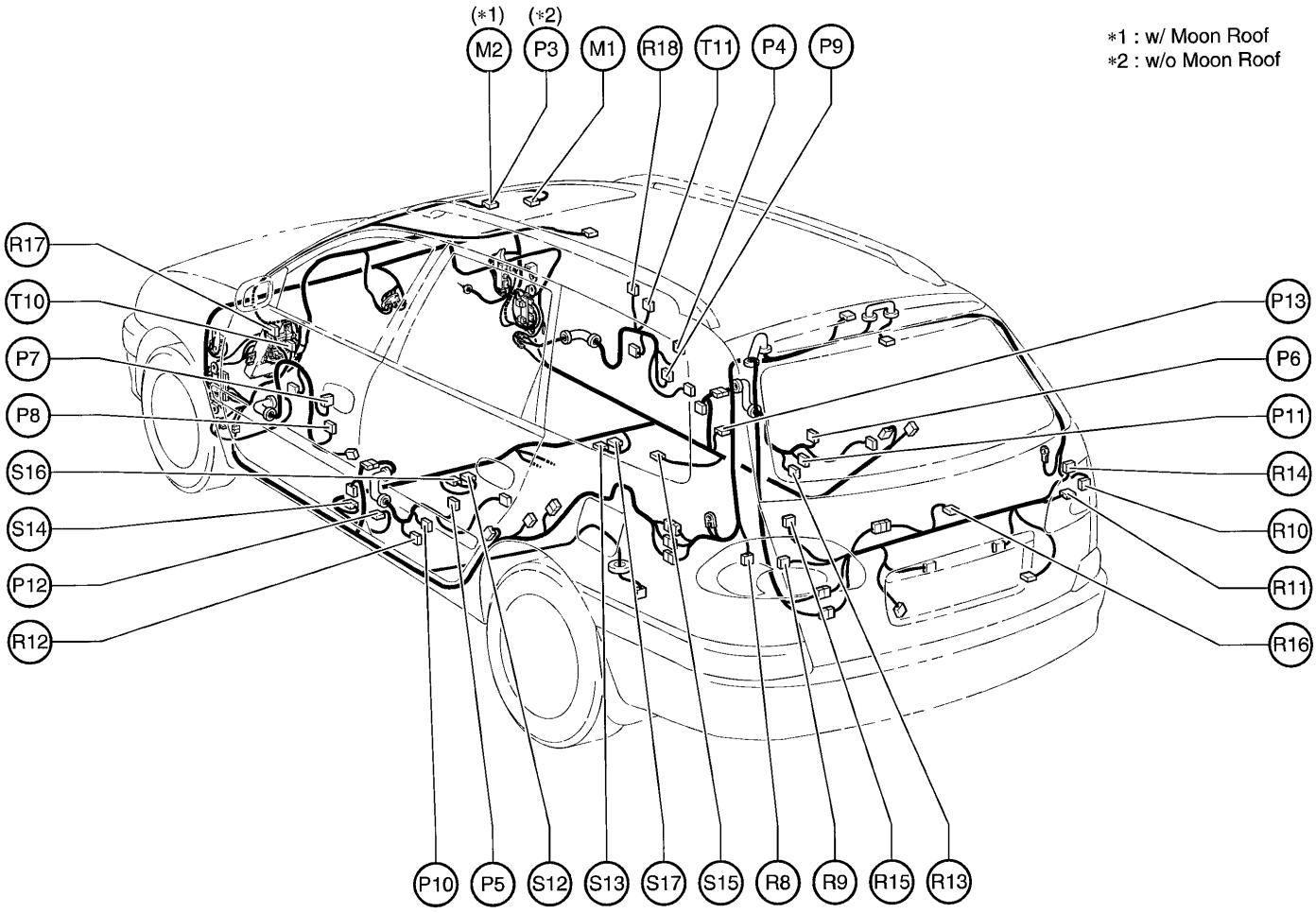
I 15 Interior Light

J 16 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 19 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[LHD : W/G]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

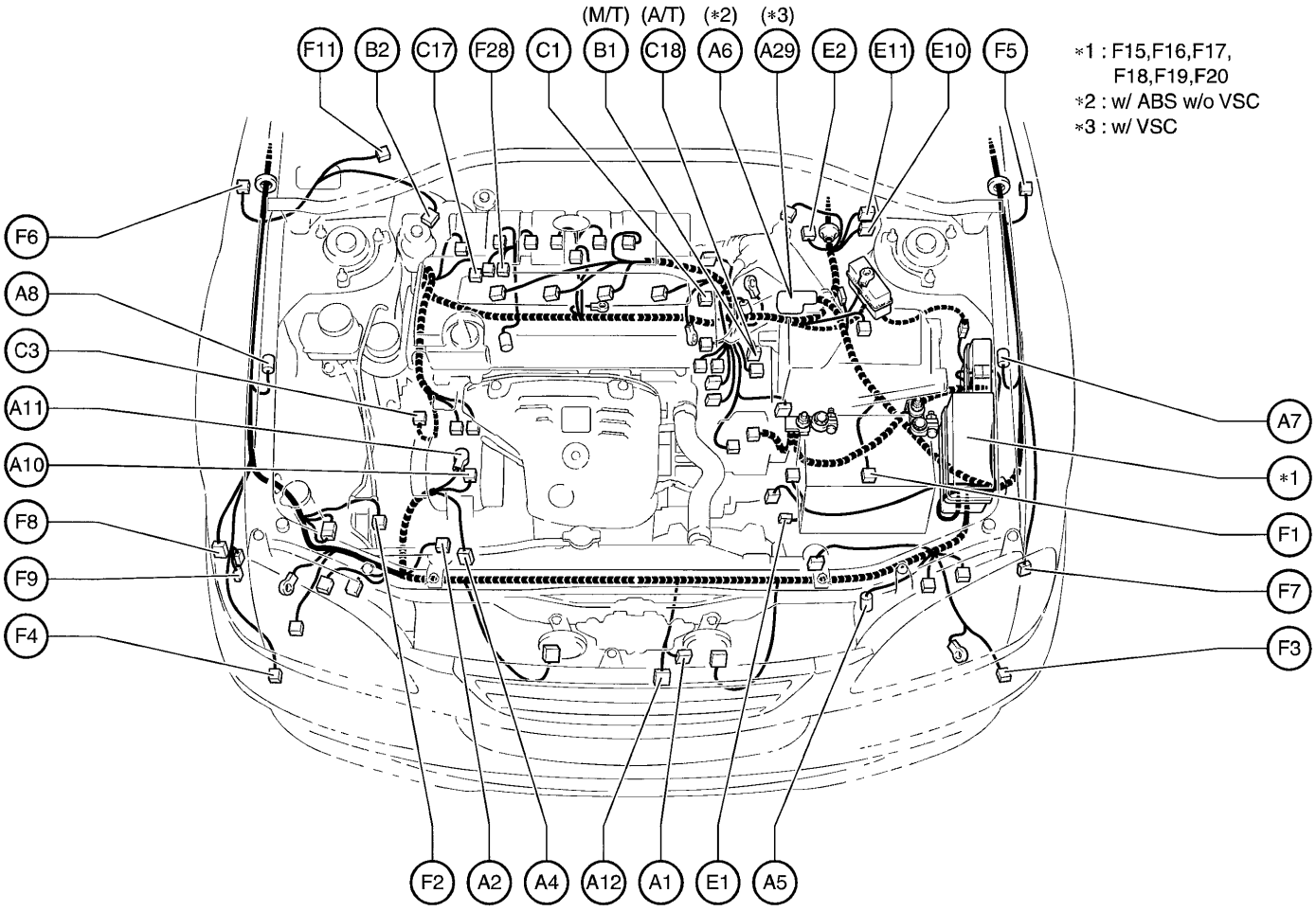
R 8 Rear Combination Light LH
R 9 Rear Combination Light LH
R10 Rear Combination Light RH
R11 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S12 Seat Heater (Driver's Seat)
S13 Seat Heater (Front Passenger's Seat)
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

T10 Tweeter LH
T11 Tweeter RH

Position of Parts in Engine Compartment

[RHD : 1AZ-FSE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A29 ABS & BA &TRC & VSC ECU with Actuator

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

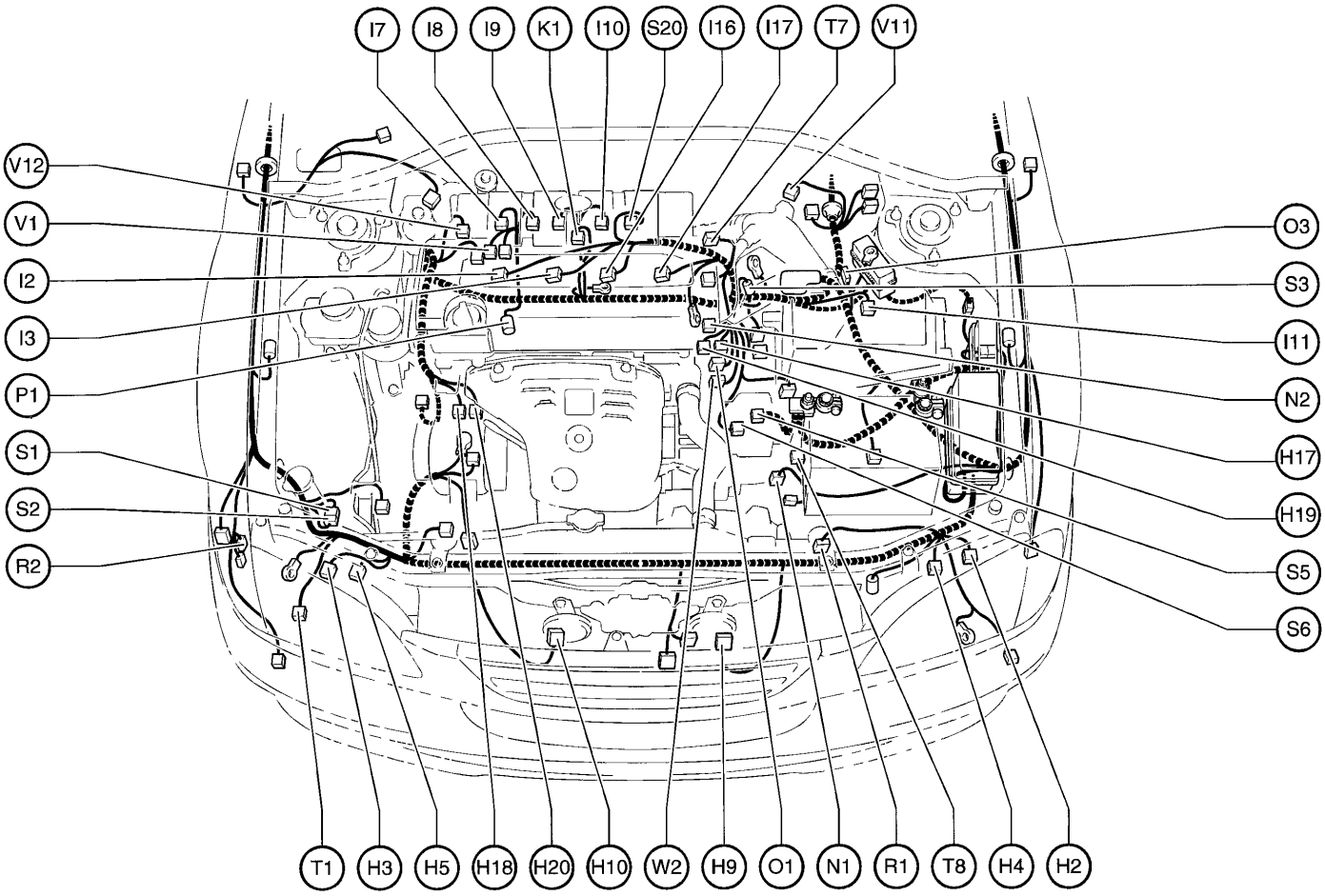
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor
C17 Camshaft Timing Oil Control Valve
C18 Counter Gear Speed Sensor

E 1 ECT Solenoid
E 2 Engine Hood Courtesy SW
E10 Electronic Driver Unit
E11 Electronic Driver Unit

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block
F28 Fuel Pressure Sensor

Position of Parts in Engine Compartment

[RHD : 1AZ-FSE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH
H17 Heated Oxygen Sensor (Bank 1 Sensor 1)
H18 Heated Oxygen Sensor (Bank 1 Sensor 2)
H19 Heated Oxygen Sensor (Bank 2 Sensor 1)
H20 Heated Oxygen Sensor (Bank 2 Sensor 2)

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 16 Ignition Coil and Igniter No.3
I 17 Ignition Coil and Igniter No.4

K 1 Knock Sensor

N 1 Neutral Start SW
N 2 Noise Filter (Ignition System)

O 1 Oil Pressure SW
O 3 Oil Pressure Sensor

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 3 Speed Sensor
S 5 Starter
S 6 Starter
S20 Spill Valve

T 1 Theft Deterrent Siren
T 7 Throttle Control Motor
T 8 Turbine Speed Sensor

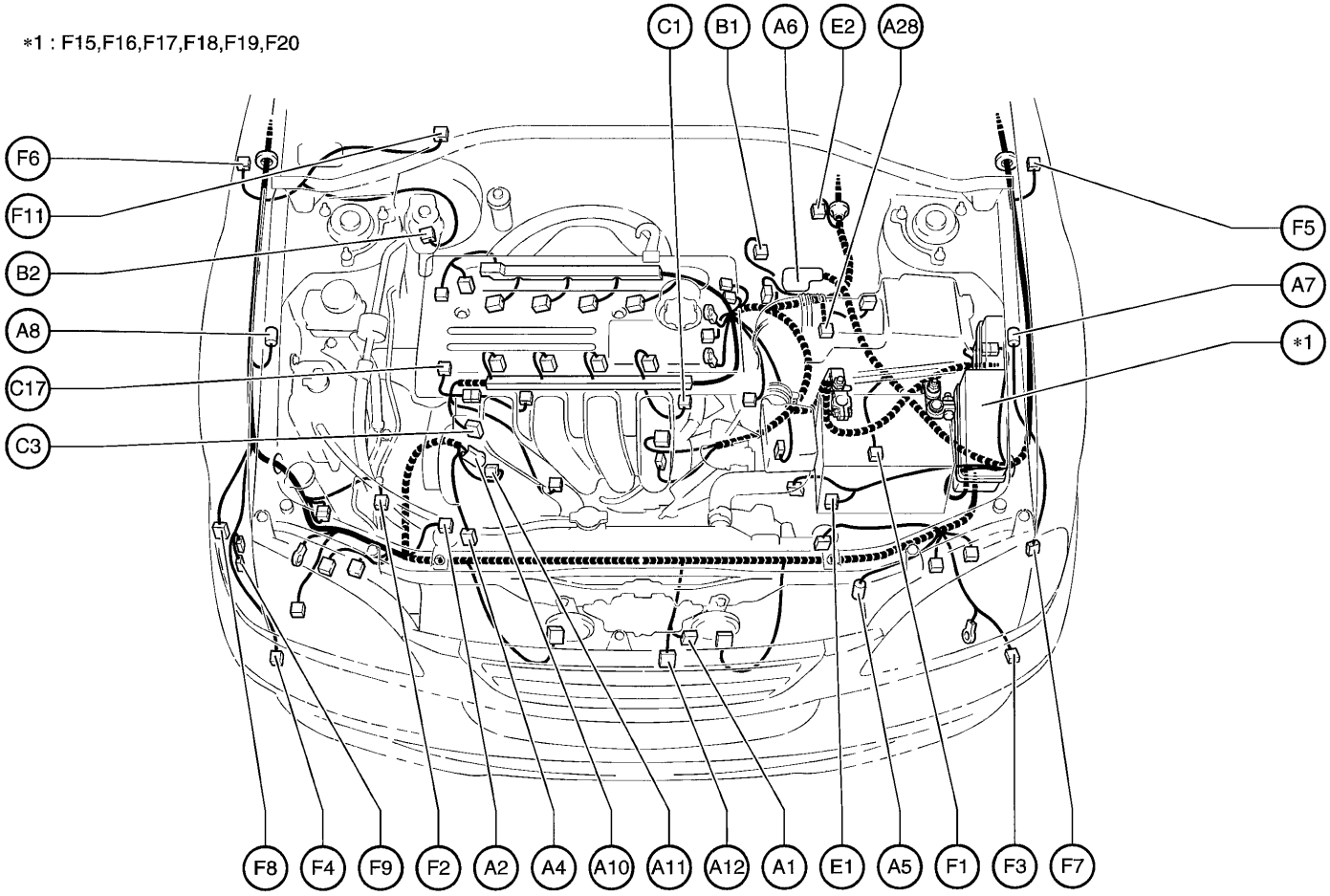
V 1 Vacuum Sensor
V11 VSV (EVAP)
V12 VSV (Intake Air Control Valve)

W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 1ZZ-FE, 3ZZ-FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A28 Air Flow Meter

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

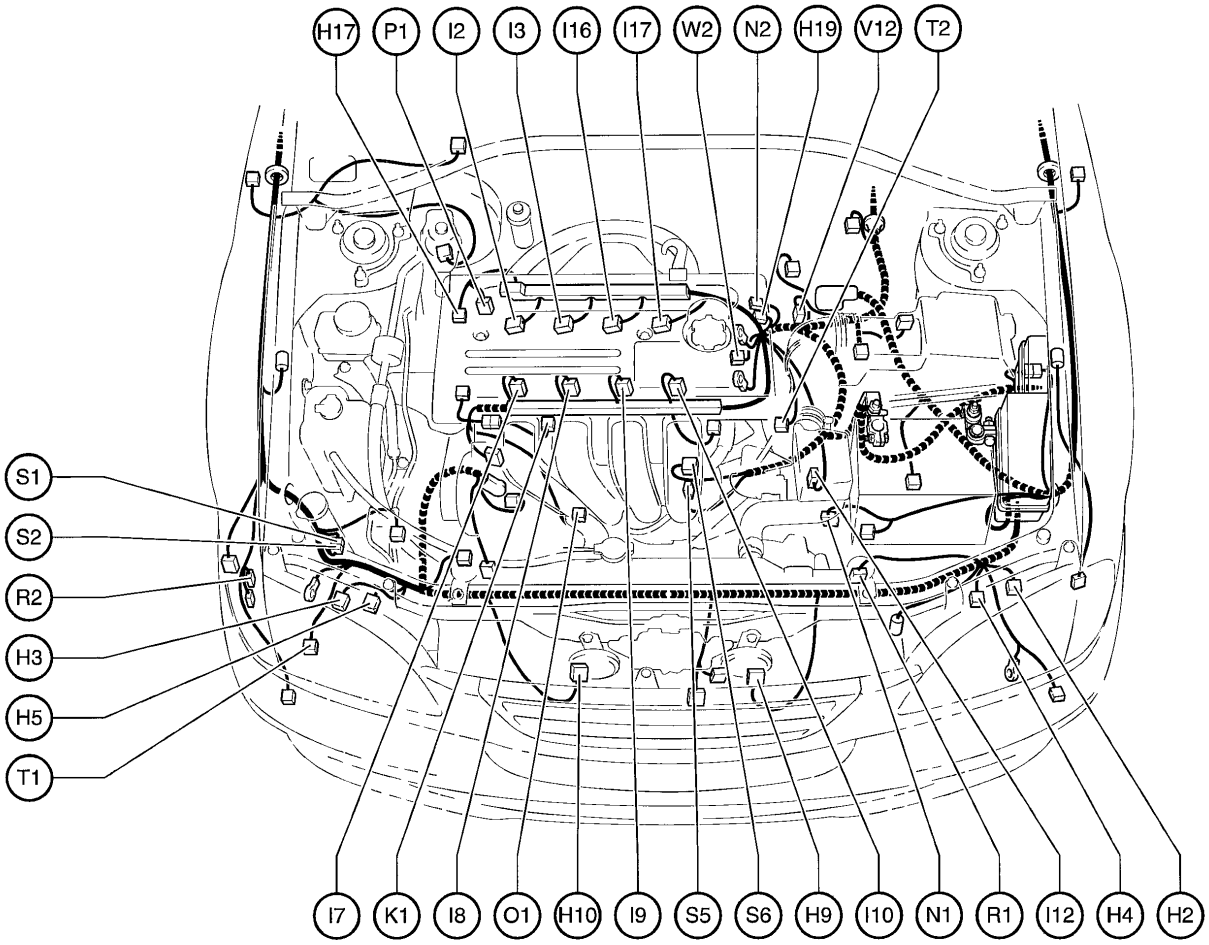
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor
C17 Camshaft Timing Oil Control Valve

E 1 ECT Solenoid
E 2 Engine Hood Courtesy SW

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[RHD : 1ZZ-FE, 3ZZ-FE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH
H17 Heated Oxygen Sensor (Bank 1 Sensor 1)
H19 Heated Oxygen Sensor (Bank 2 Sensor 1)

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 12 ISC Valve
I 16 Ignition Coil and Igniter No.3
I 17 Ignition Coil and Igniter No.4

K 1 Knock Sensor

N 1 Neutral Start SW
N 2 Noise Filter (Ignition System)

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 5 Starter
S 6 Starter

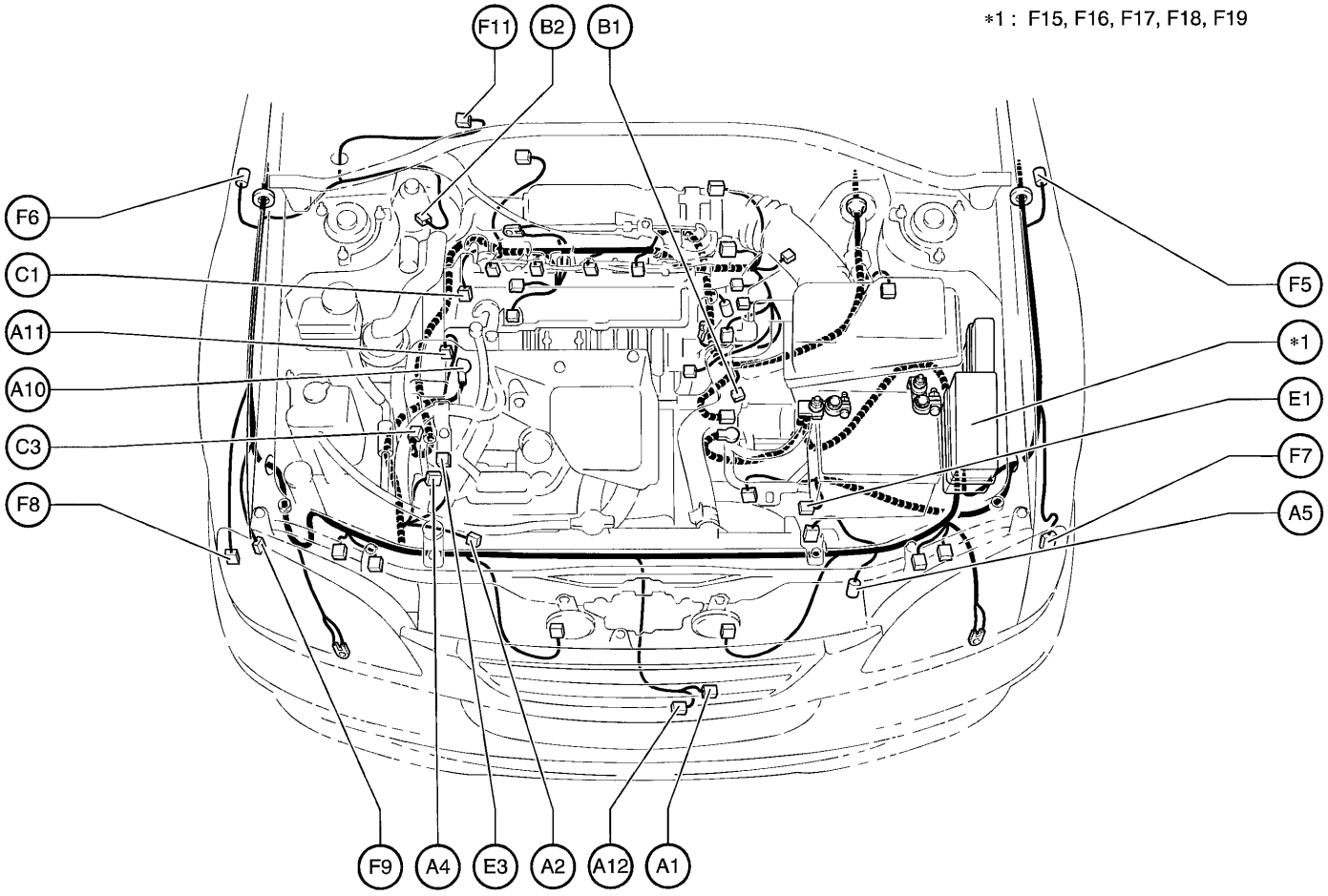
T 1 Theft Deterrent Siren
T 2 Throttle Position Sensor

V12 VSV (Swirl Control Valve)

W 2 Water Temp. Sensor

Position of Parts in Engine Compartment

[RHD : 3S-FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW

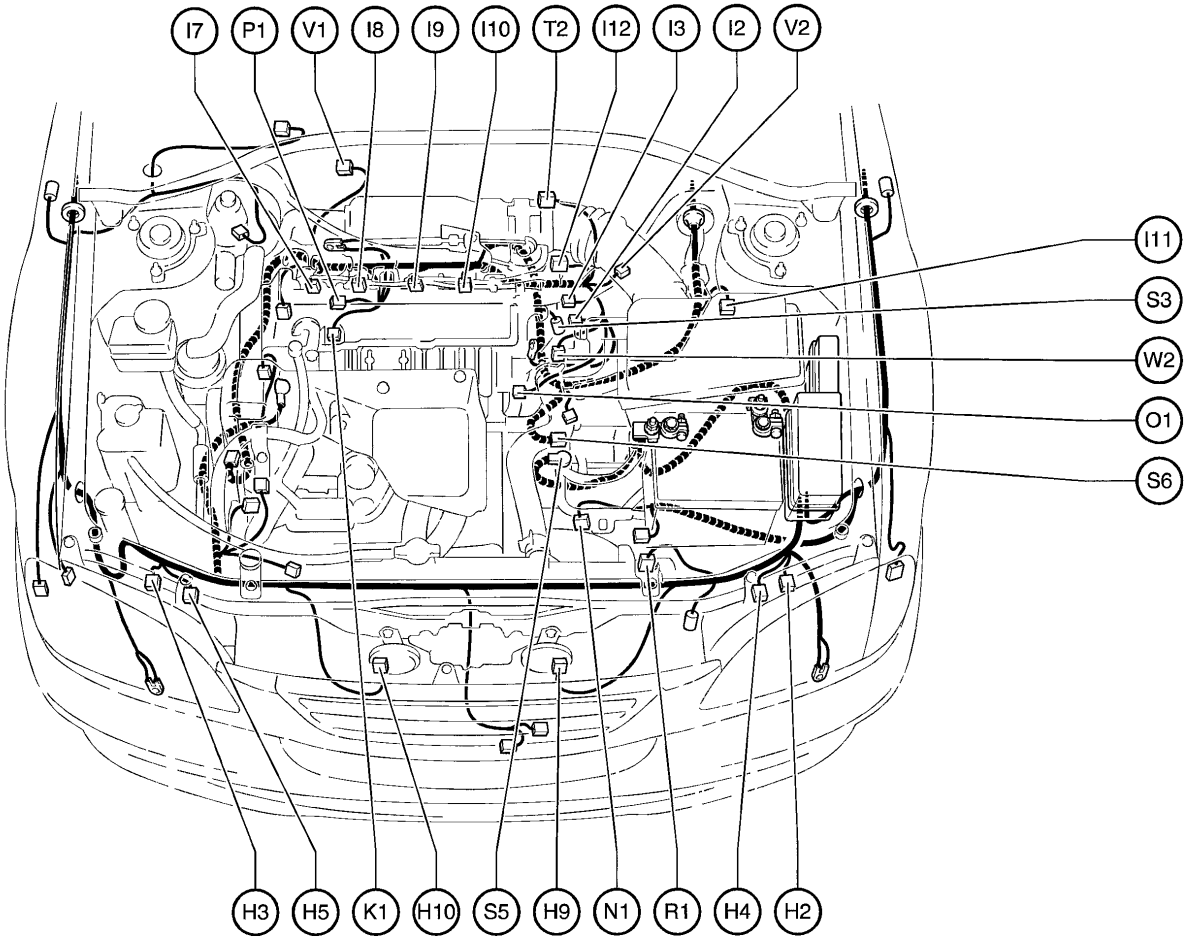
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid
E 3 Engine Oil Level Sensor

F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block

Position of Parts in Engine Compartment

[RHD : 3S-FE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

T 2 Throttle Position Sensor

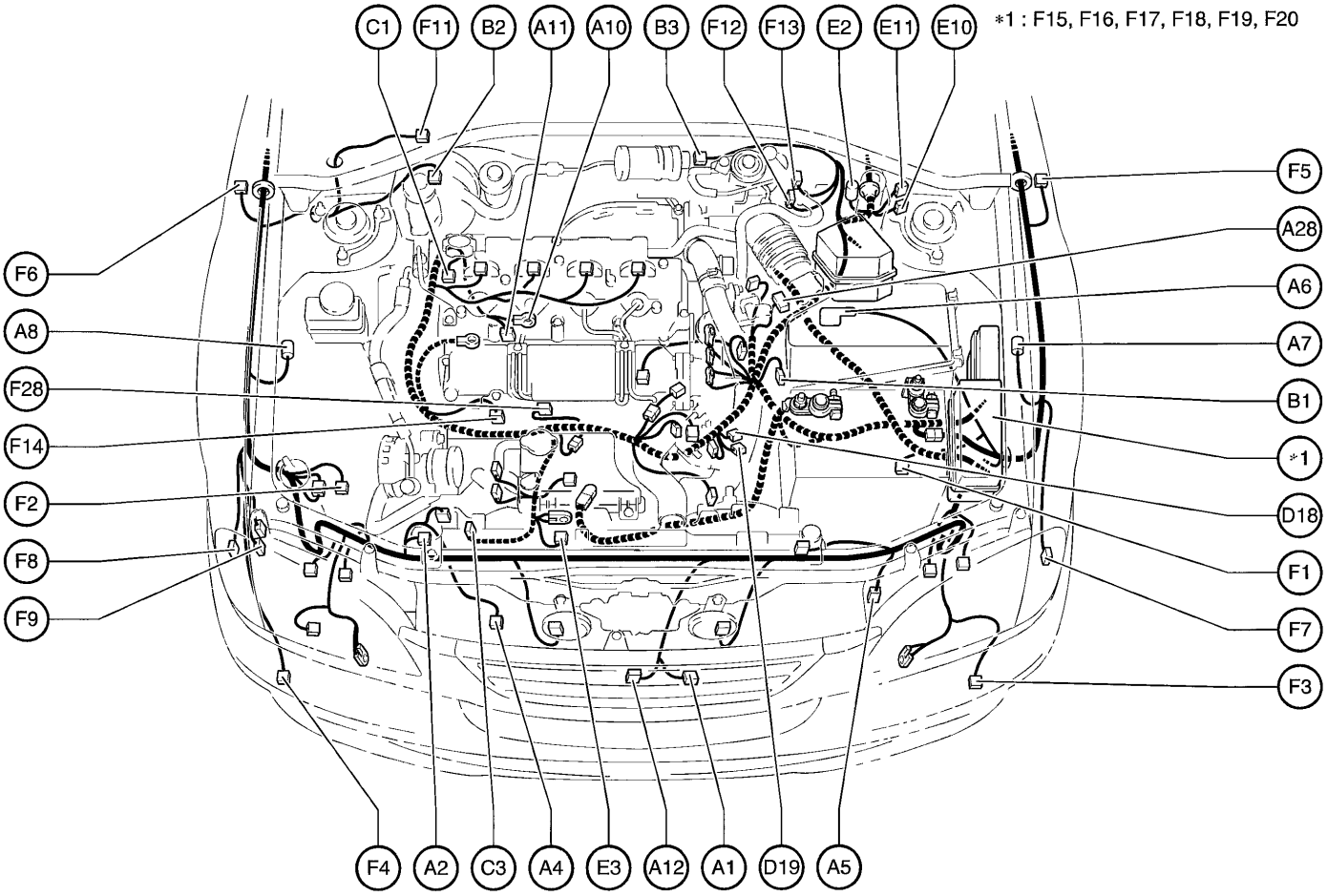
V 1 Vacuum Sensor
V 2 Variable Resistor

W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 1CD-FTV]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A28 Air Flow Meter

B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

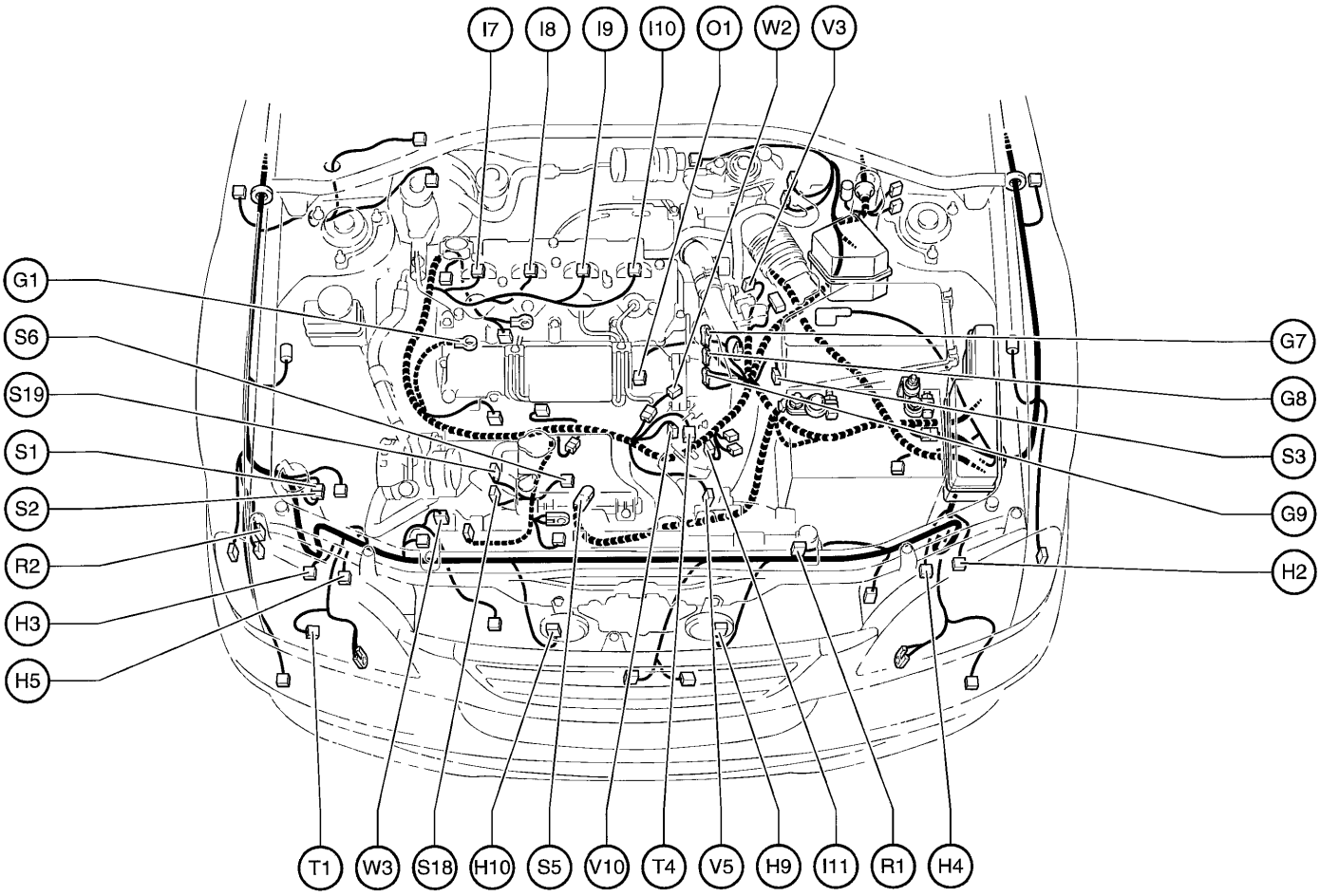
D18 Diesel Throttle Control Motor
D19 Diesel Throttle Position Sensor

E 2 Engine Hood Courtesy SW
E 3 Engine Oil Level Sensor
E10 Electronic Driver Unit
E11 Electronic Driver Unit

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F12 Fuel Heater
F13 Fuel Sedimentary SW
F14 Fuel Temp. Sensor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block
F28 Fuel Pressure Sensor

Position of Parts in Engine Compartment

[RHD : 1CD-FTV]



G 1 Glow Plug (Engine)
G 7 Glow Plug (Power Heater)
G 8 Glow Plug (Power Heater)
G 9 Glow Plug (Power Heater)

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH

I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 3 Speed Sensor
S 5 Starter
S 6 Starter
S18 Suction Control Valve 1
S19 Suction Control Valve 2

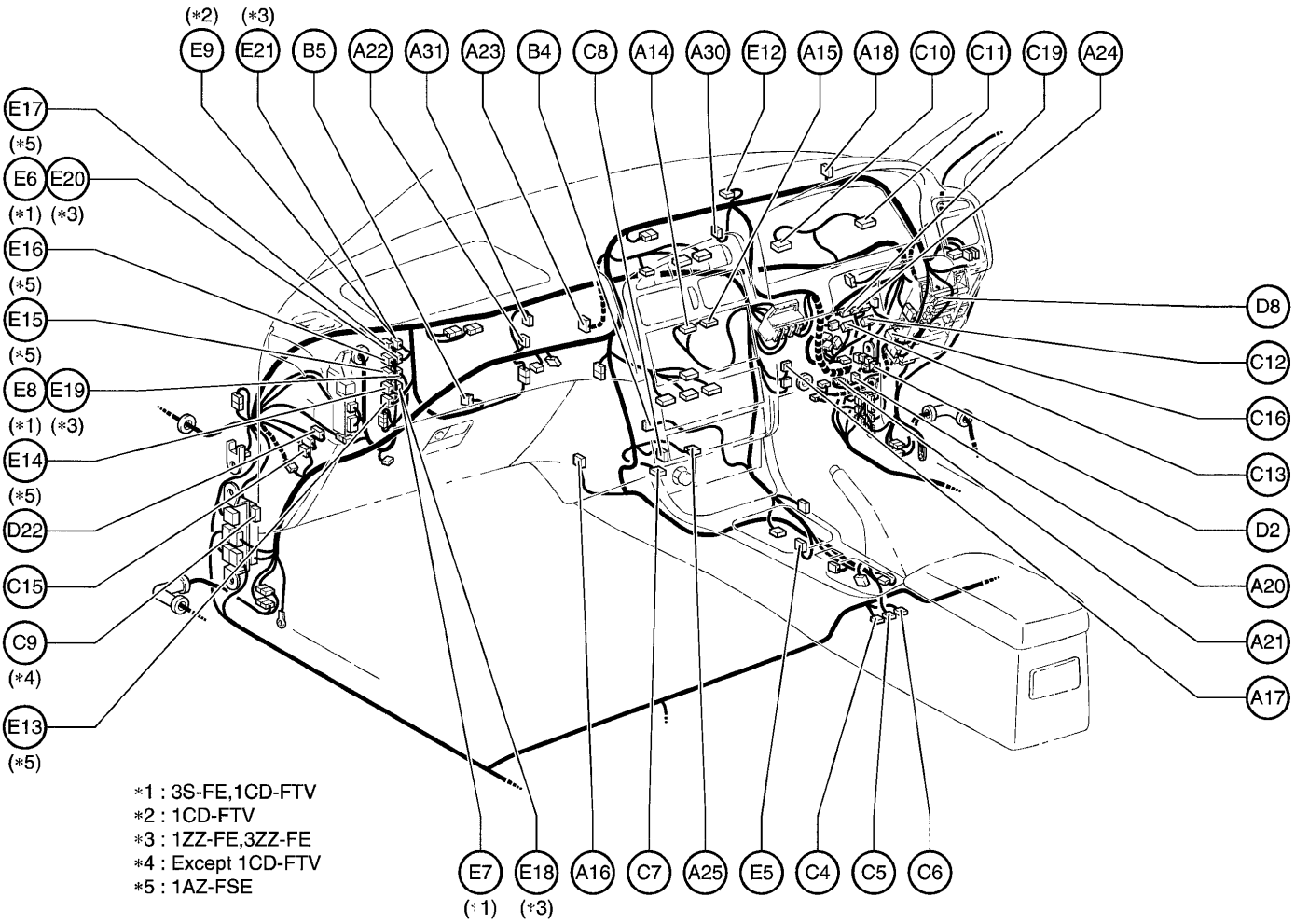
T 1 Theft Deterrent Siren
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 5 VSV (EGR)
V10 VSV (Turbo Pressure Sensor)

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Instrument Panel

[RHD]



A 14 A/C Amplifier
A 15 A/C Amplifier
A 16 A/C Evaporator Temp. Sensor
A 17 A/C Room Temp. Sensor
A 18 A/C Solar Sensor
A 20 Accelerator Pedal Position Sensor
A 21 Accelerator Position SW
A 22 Air Mix Control Servo Motor
A 23 Airbag Squib (Front Passenger Airbag Assembly)
A 24 Airbag Squib (Steering Wheel Pad)
A 25 Ashtray Illumination
A 30 Air Vent Mode Control Servo Motor
A 31 Air Inlet Control Servo Motor

B 4 Blower Controller
B 5 Blower Motor

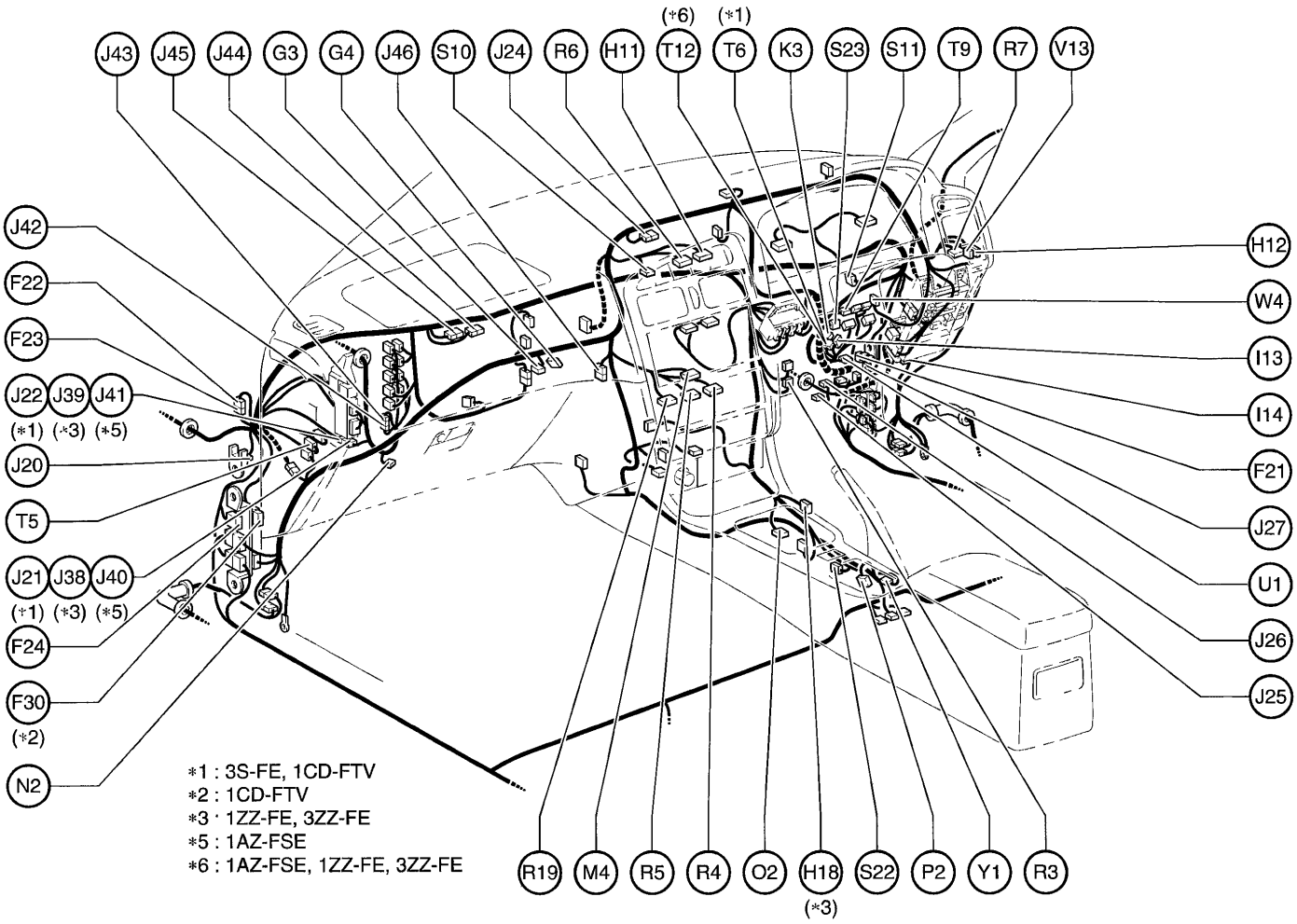
C 4 Center Airbag Sensor Assembly
C 5 Center Airbag Sensor Assembly
C 6 Center Airbag Sensor Assembly
C 7 Cigarette Lighter
C 8 Cigarette Lighter Illumination
C 9 Circuit Opening Relay
C 10 Combination Meter
C 11 Combination Meter
C 12 Combination SW
C 13 Combination SW
C 15 Curtain Airbag Squib LH
C 16 Curtain Airbag Squib RH
C 19 Combination SW

D 2 Defogger Relay
D 8 DLC3
D 22 Double Lock Door Control Relay

E 5 ECT Pattern Select SW
E 6 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 7 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 8 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 9 Engine ECU
E 12 EBD Resistor
E 13 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 14 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 15 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 16 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 17 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 18 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 19 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 20 Engine ECU (M/T) and Engine and ECT ECU (A/T)
E 21 Engine and ECT ECU

Position of Parts in Instrument Panel

[RHD]



F 21 Front Fog Light Relay
F 22 Fuel Control Connector
F 23 Fuel Control Connector
F 24 Fuse Box
F 30 Fuse Box

G 3 Glove Box Light
G 4 Glove Box Light SW

H 11 Hazard SW
H 12 Headlight Beam Level Control SW
H 18 Heated Oxygen Sensor (Bank 1 Sensor 2)

I 13 Ignition SW
I 14 Integration Relay

J 20 Junction Connector
J 21 Junction Connector
J 22 Junction Connector
J 24 Junction Connector
J 25 Junction Connector
J 26 Junction Connector
J 27 Junction Connector
J 38 Junction Connector
J 39 Junction Connector
J 40 Junction Connector
J 41 Junction Connector
J 42 Junction Connector
J 43 Junction Connector
J 44 Junction Connector
J 45 Junction Connector
J 46 Junction Connector

K 3 Key Interlock Solenoid

M 4 Multi Display

N 2 Noise Filter (Ignition System)

O 2 O/D Main SW

P 2 Parking Brake SW

R 3 Radar Sensor
R 4 Radio and Player
R 5 Radio and Player
R 6 Rear Window Defogger SW
R 7 Remote Control Mirror SW
R 19 Radio and Player

S 10 Status Monitor
S 11 Stop Light SW
S 22 Shift Lock Control ECU
S 23 Steering Sensor

T 5 Theft Deterrent ECU
T 6 Transponder Key ECU
T 9 Turn Signal Flasher Relay
T 12 Transponder Key Amplifier

U 1 Unlock Warning SW

V 13 VSC Off SW

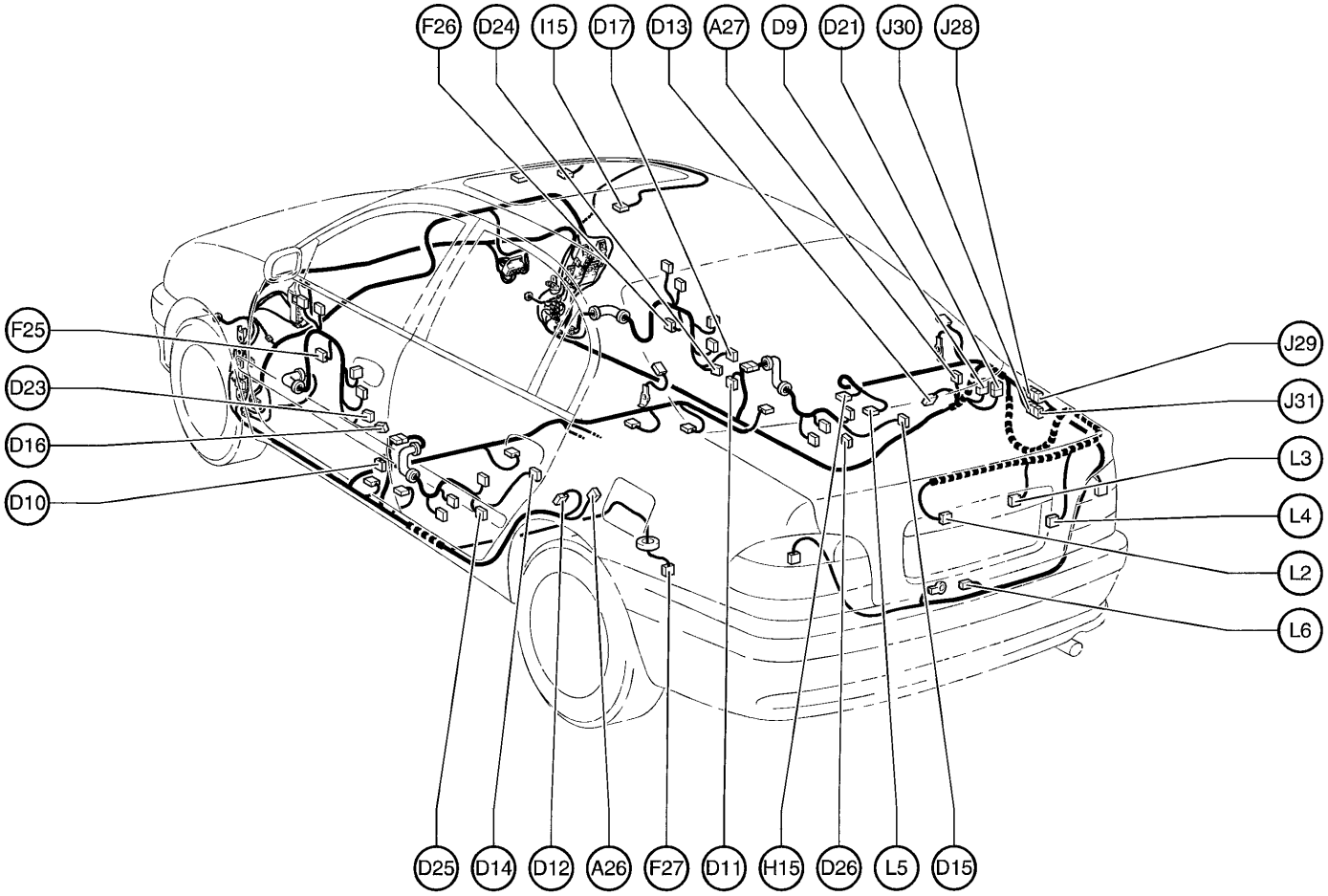
W 4 Wireless Door Lock ECU

Y 1 Yaw Rate Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : S/D]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH
D21 Diode (Luggage Room Light)
D23 Door Lock Motor and SW Front LH
D24 Door Lock Motor and SW Front RH
D25 Door Lock Motor and SW Rear LH
D26 Door Lock Motor and SW Rear RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

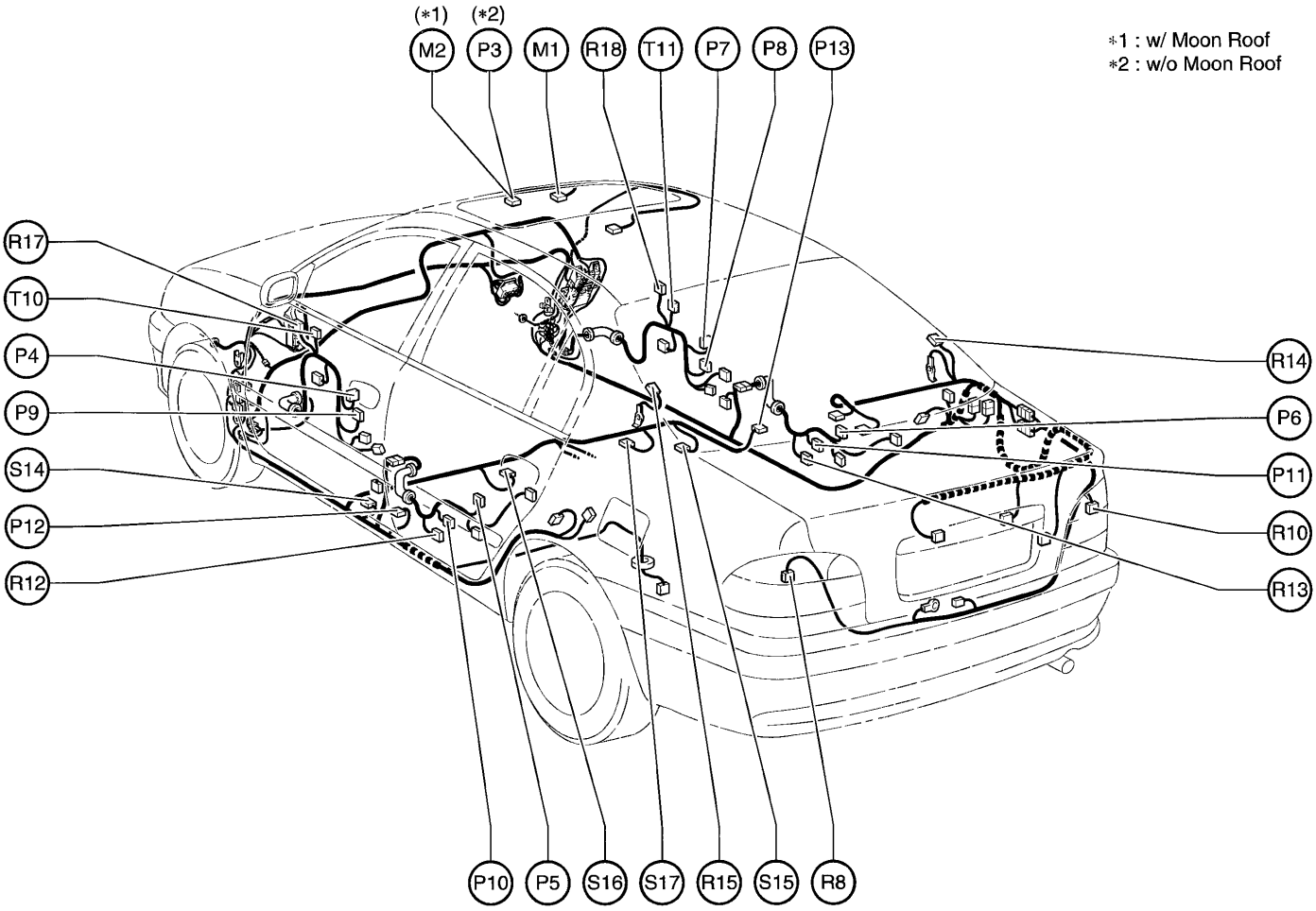
I 15 Interior Light

J 28 Junction Connector
J 29 Junction Connector
J 30 Junction Connector
J 31 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 4 Luggage Compartment Door Lock Motor
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[RHD : S/D]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

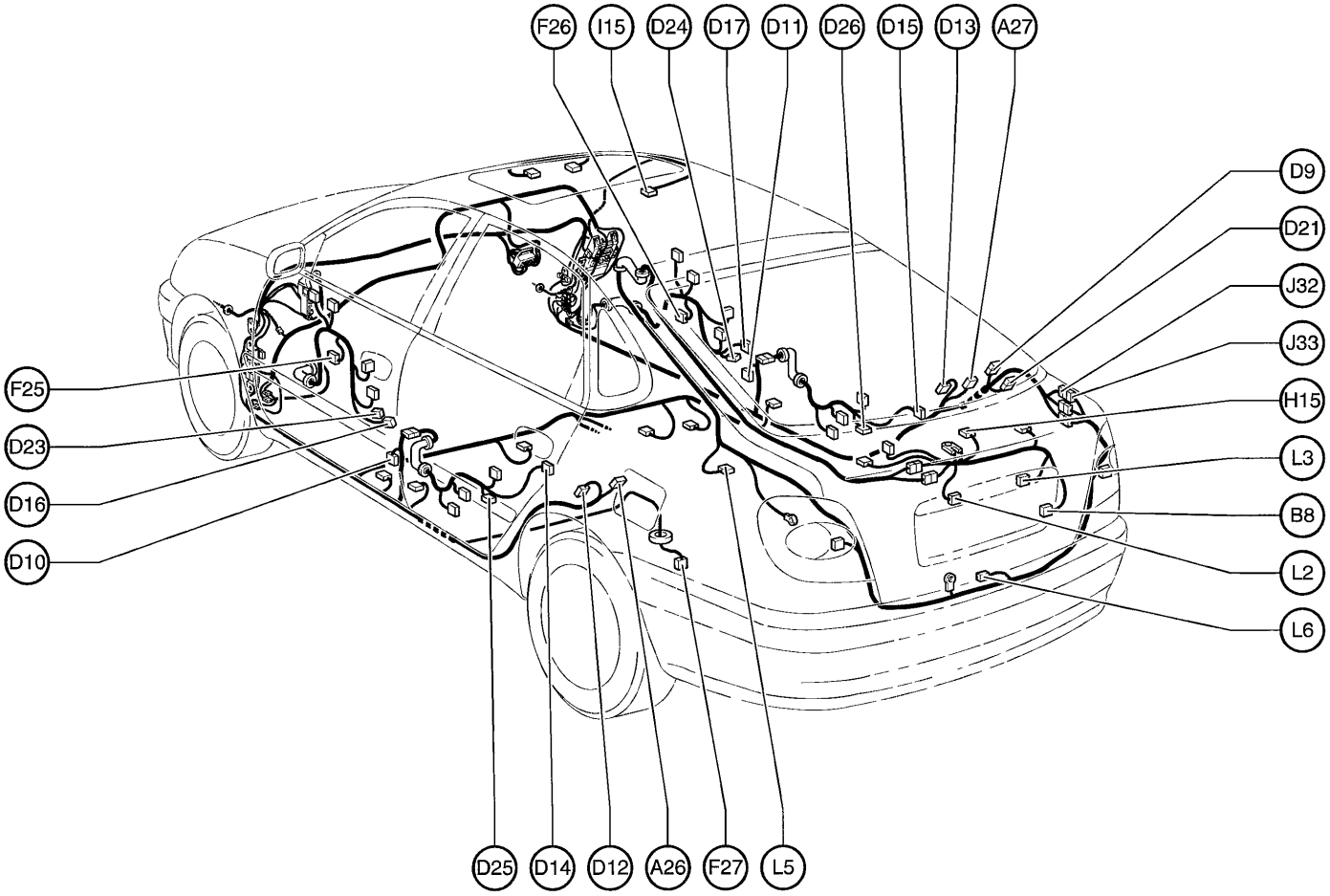
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

T10 Tweeter LH
T11 Tweeter RH

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : L/B]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH
D21 Diode (Luggage Room Light)
D23 Door Lock Motor and SW Front LH
D24 Door Lock Motor and SW Front RH
D25 Door Lock Motor and SW Rear LH
D26 Door Lock Motor and SW Rear RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

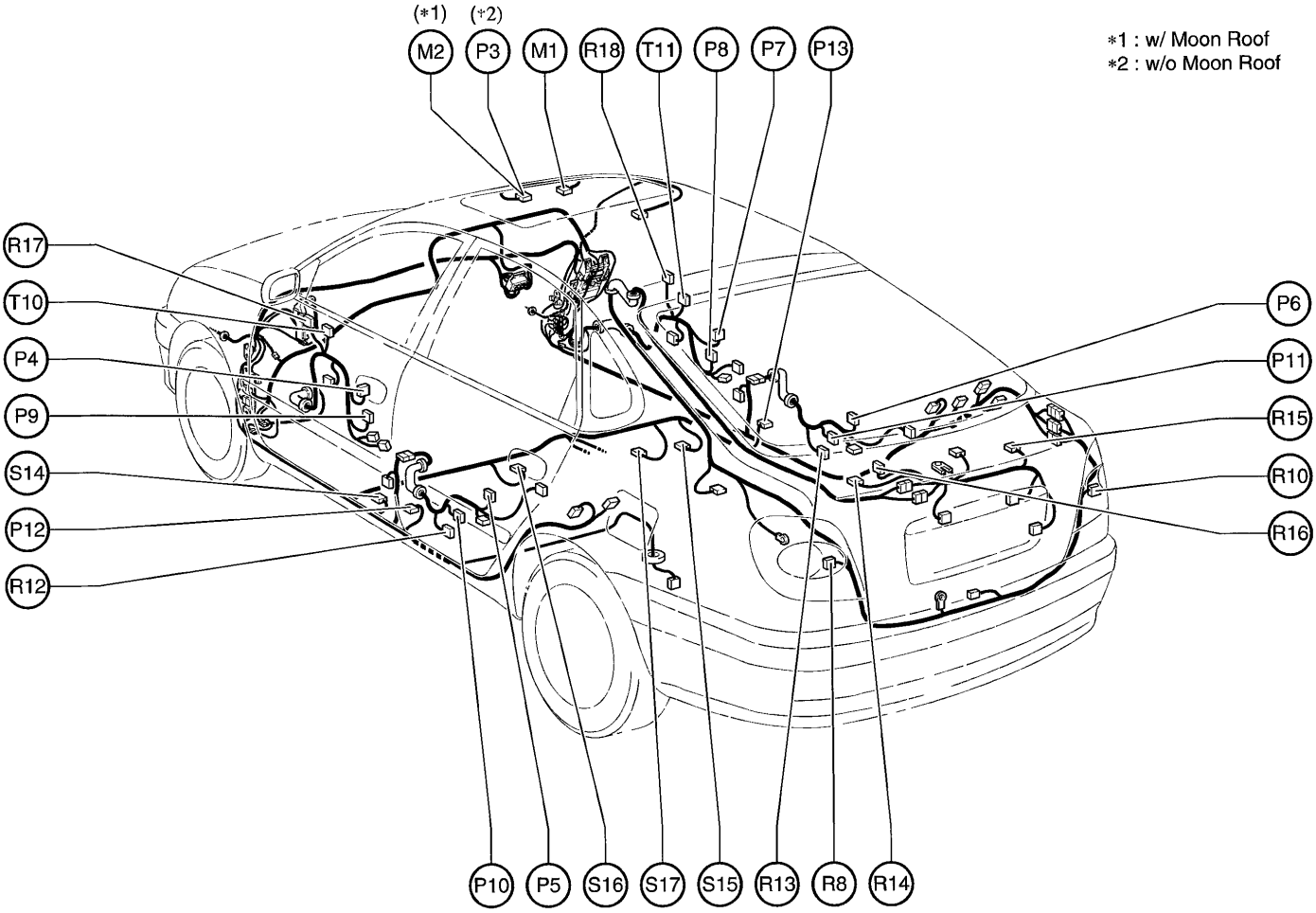
I 15 Interior Light

J 32 Junction Connector
J 33 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[RHD : L/B]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

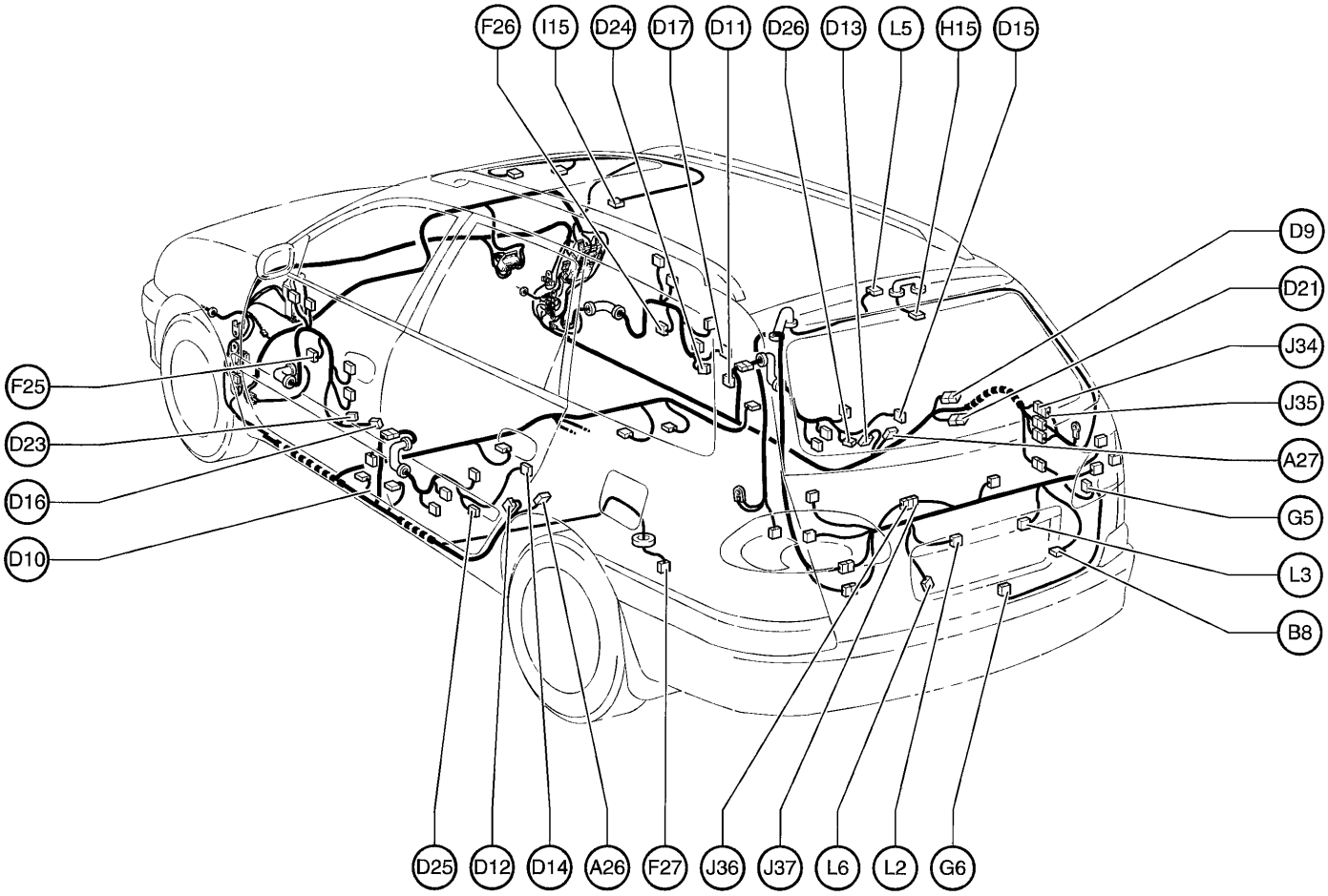
R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

T10 Tweeter LH
T11 Tweeter RH

Position of Parts in Body

[RHD : W/G]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH
D21 Diode (Luggage Room Light)
D23 Door Lock Motor and SW Front LH
D24 Door Lock Motor and SW Front RH
D25 Door Lock Motor and SW Rear LH
D26 Door Lock Motor and SW Rear RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

G 5 Glass Breakage Sensor ECU
G 6 Glass Breakage Sensor Microphone

H15 High Mounted Stop Light

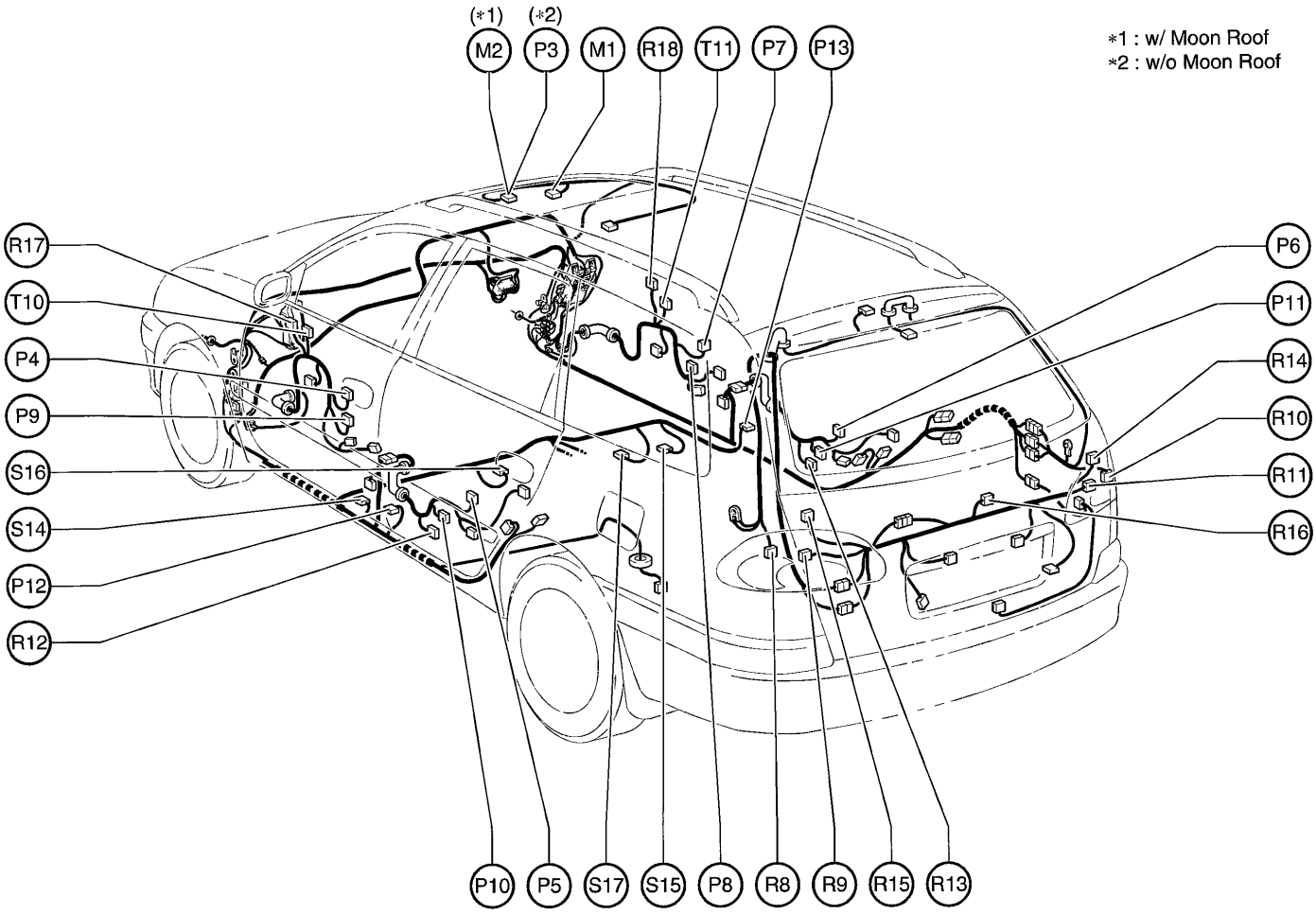
I 15 Interior Light

J 34 Junction Connector
J 35 Junction Connector
J 36 Junction Connector
J 37 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[RHD : W/G]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R 9 Rear Combination Light LH
R10 Rear Combination Light RH
R11 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

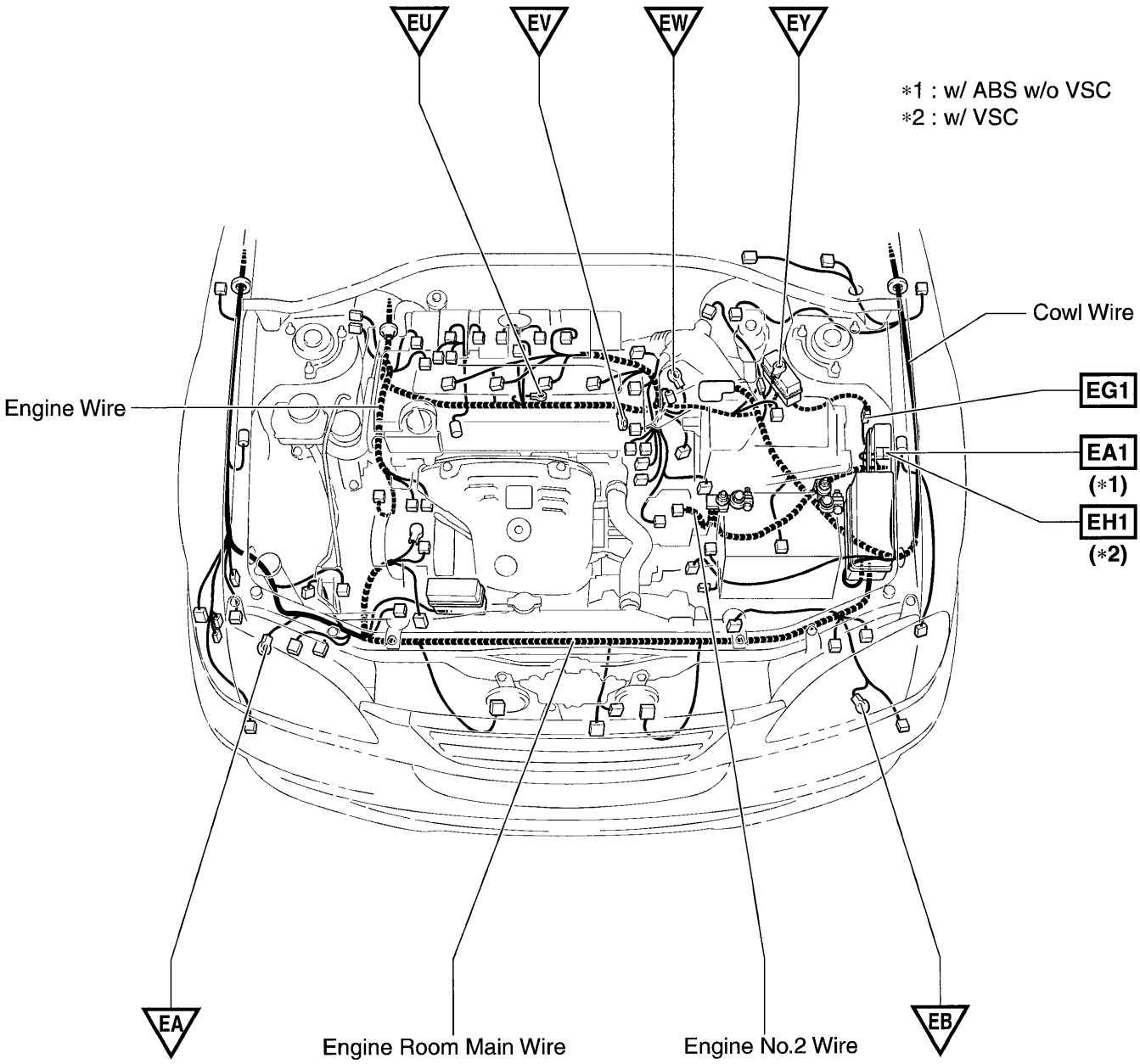
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

T10 Tweeter LH
T11 Tweeter RH

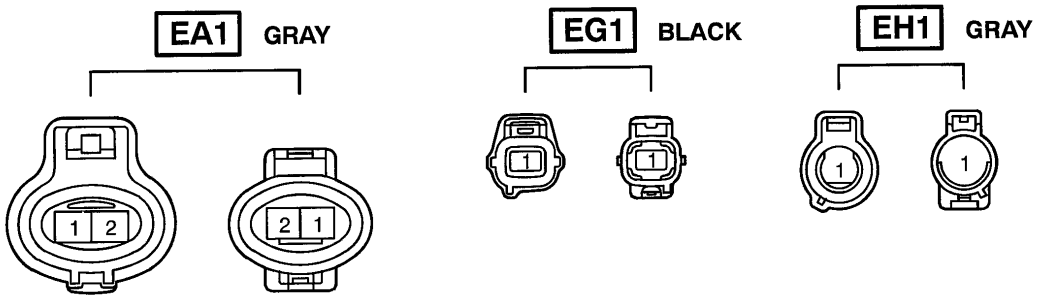
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 1AZ-FSE]



Connector Joining Wire Harness and Wire Harness

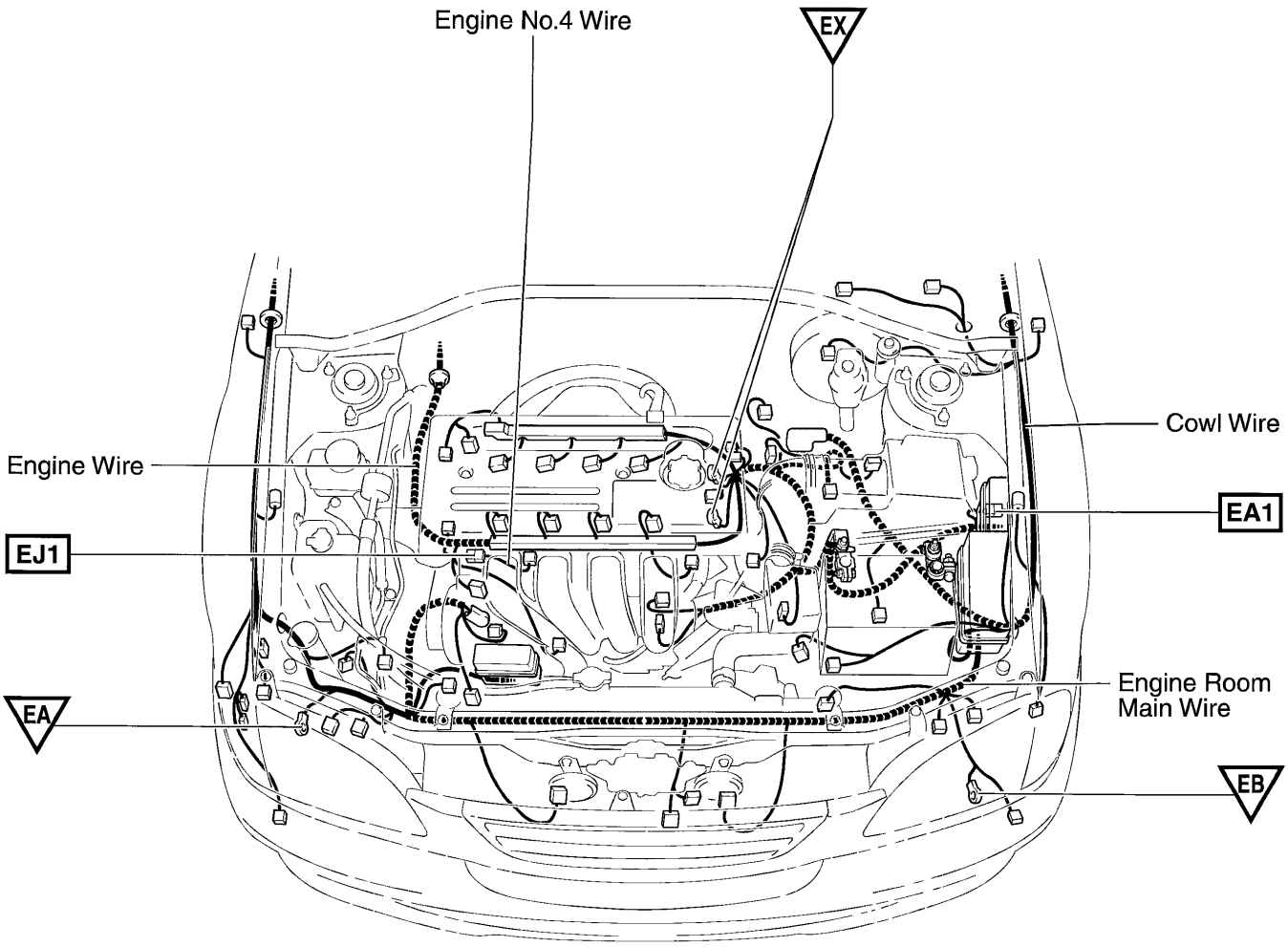


Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EG1	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
EH1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

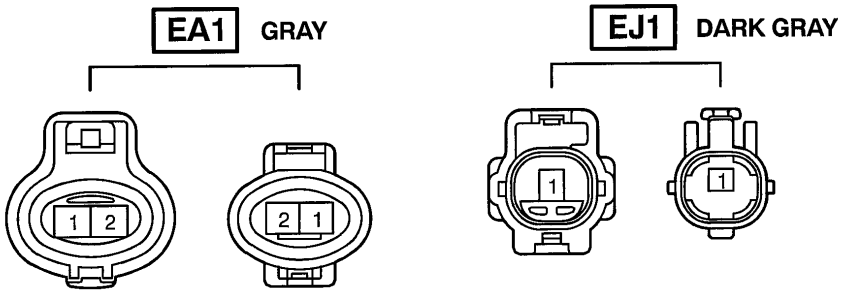
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 1ZZ-FE, 3ZZ-FE]



Connector Joining Wire Harness and Wire Harness

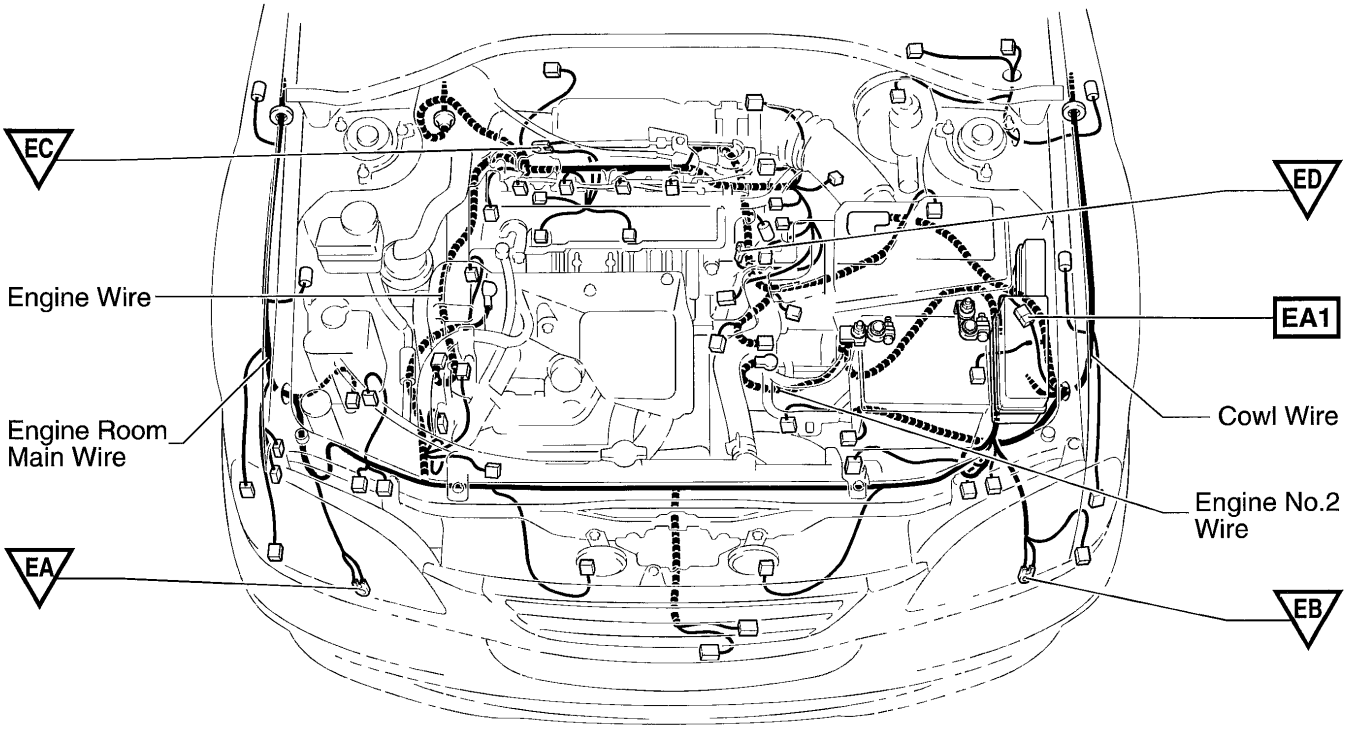


Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EJ1	Engine No.4 Wire and Engine Wire (Near the Starter)

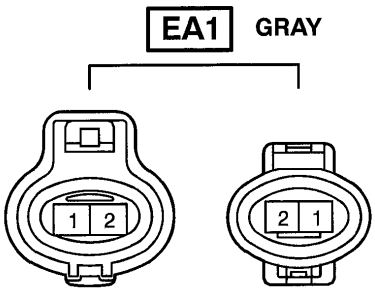
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 3S-FE]



Connector Joining Wire Harness and Wire Harness

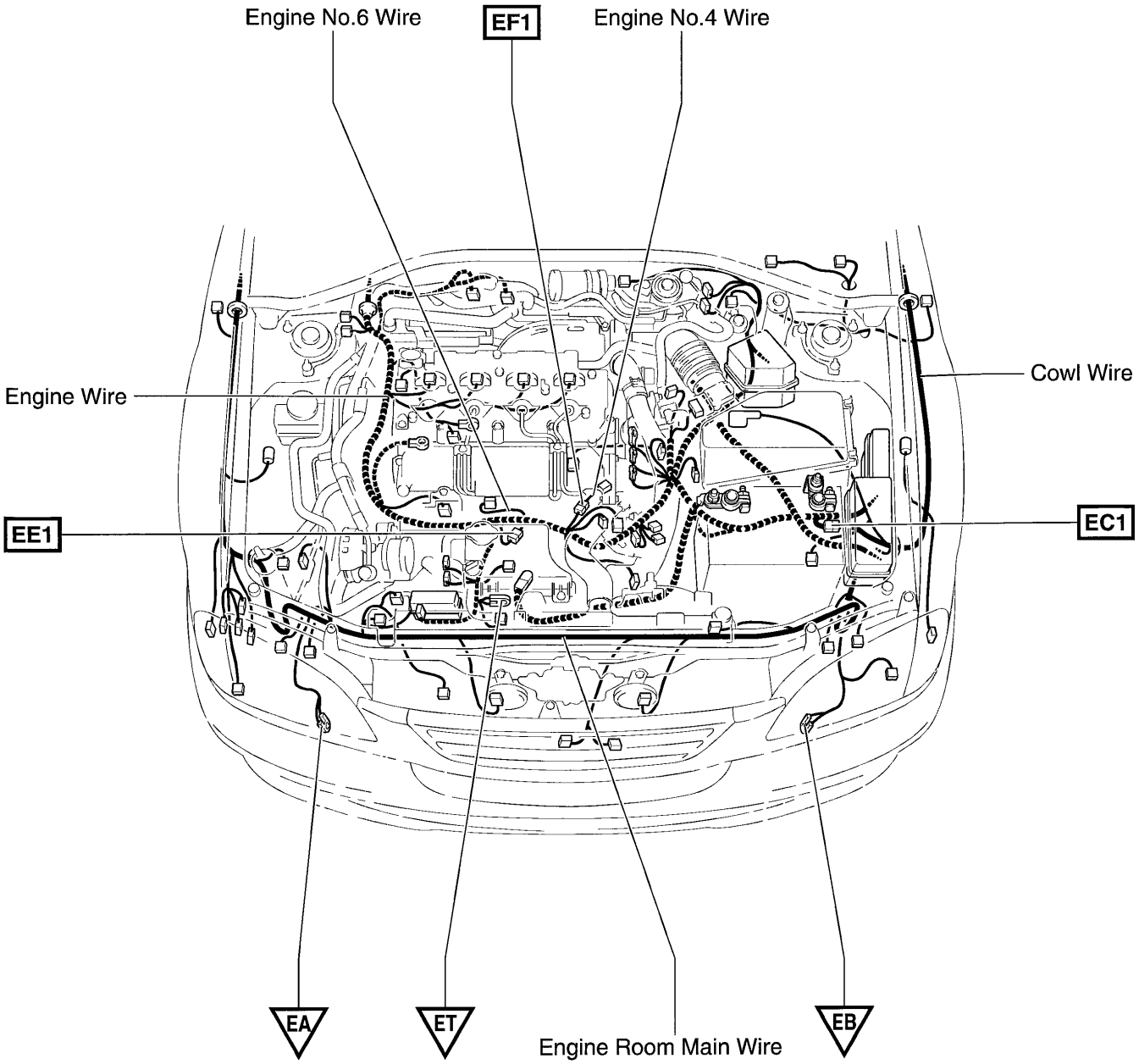


Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

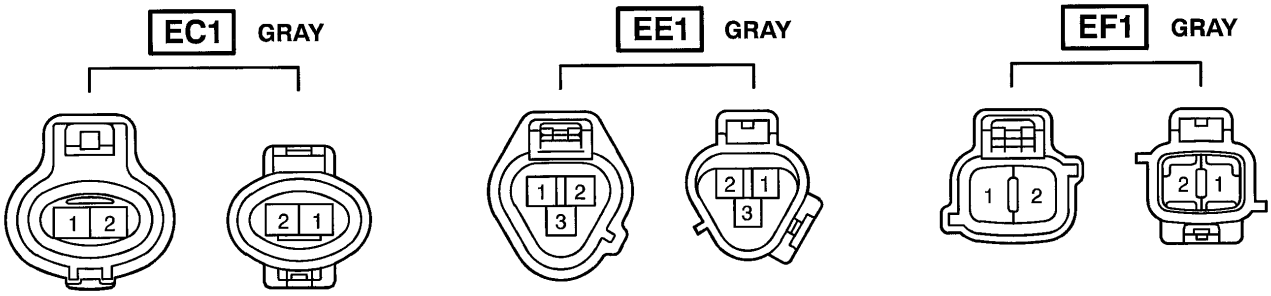
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 1CD-FTV]



Connector Joining Wire Harness and Wire Harness

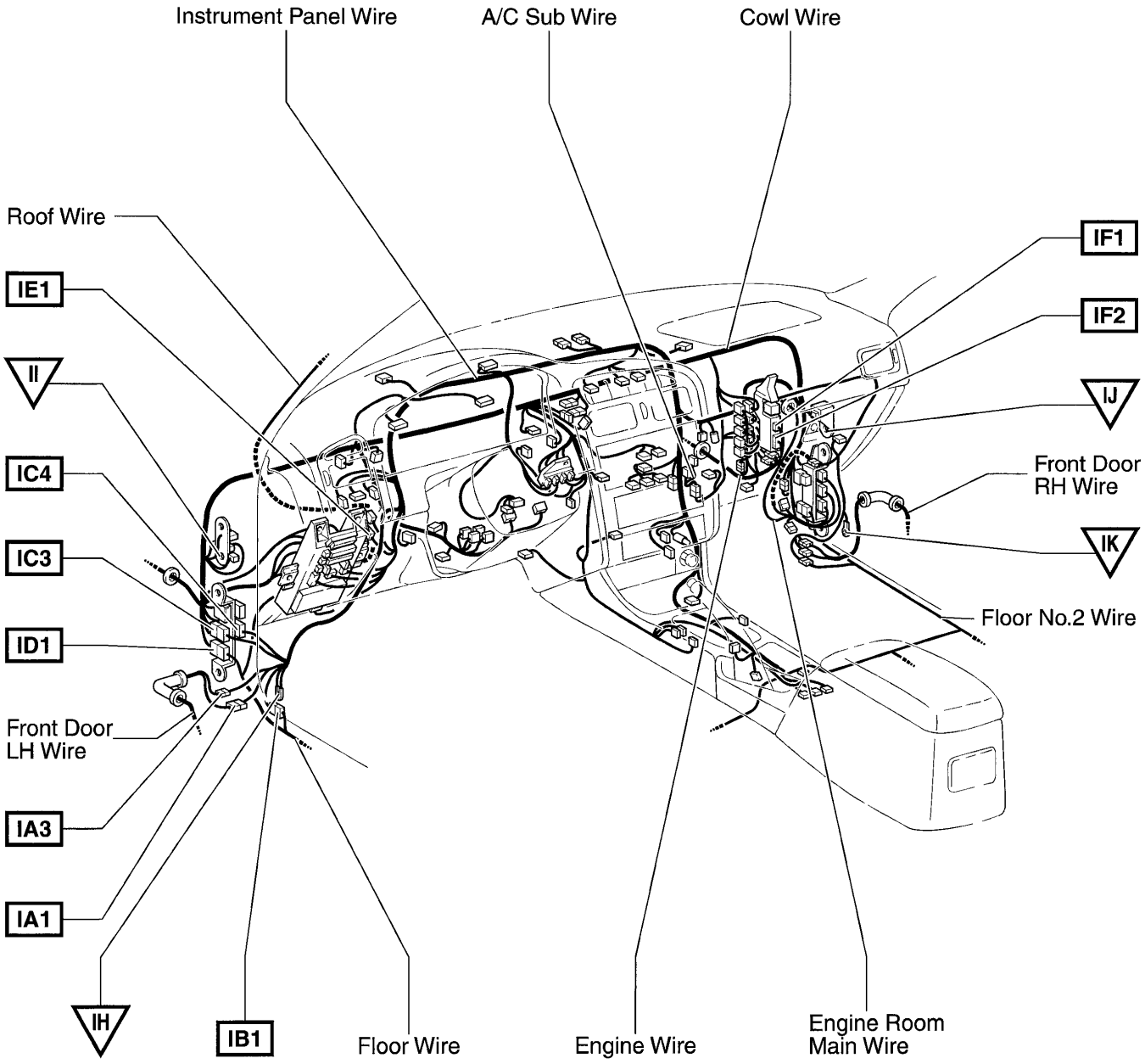


Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)
EE1	Engine Wire and Engine No.6 Wire (Under the Starter)
EF1	Engine Wire and Engine No.4 Wire (Under the Starter)

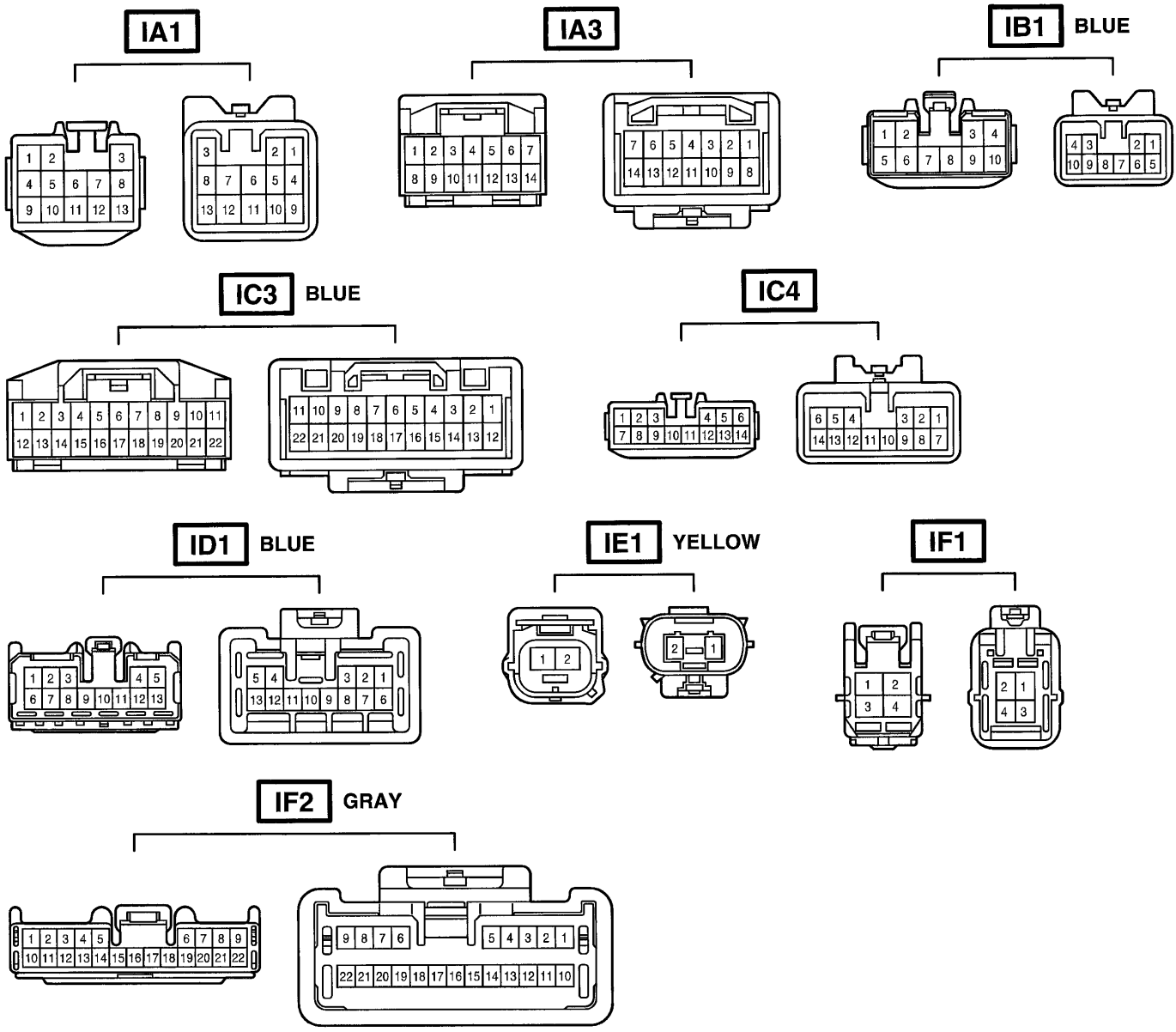
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD]



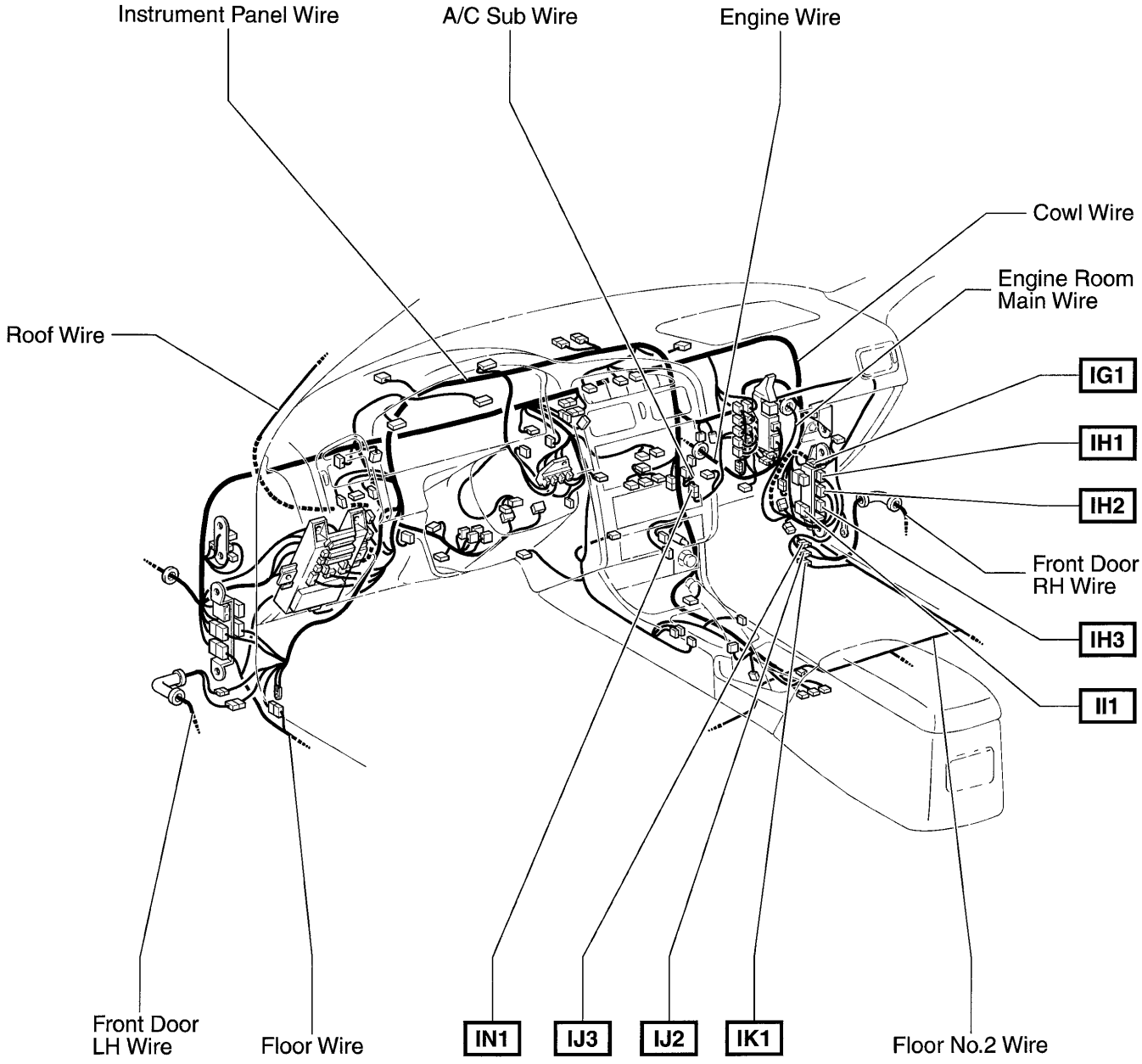
Connector Joining Wire Harness and Wire Harness



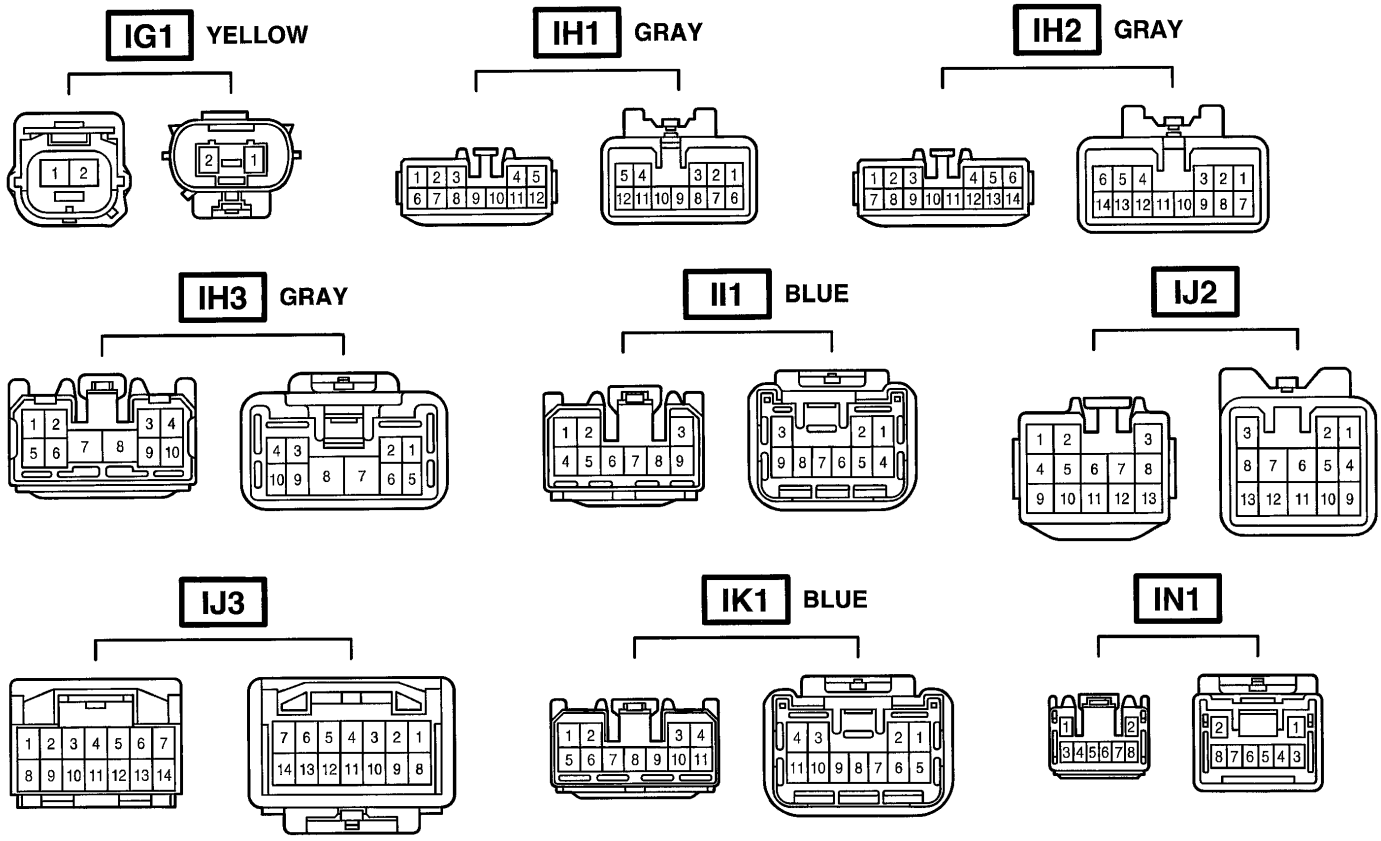
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA3	
IB1	Instrument Panel Wire and Floor Wire (Left Kick Panel)
IC3	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IC4	
ID1	Floor Wire and Cowl Wire (Left Kick Panel)
IE1	Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B)
IF1	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD]



Connector Joining Wire Harness and Wire Harness

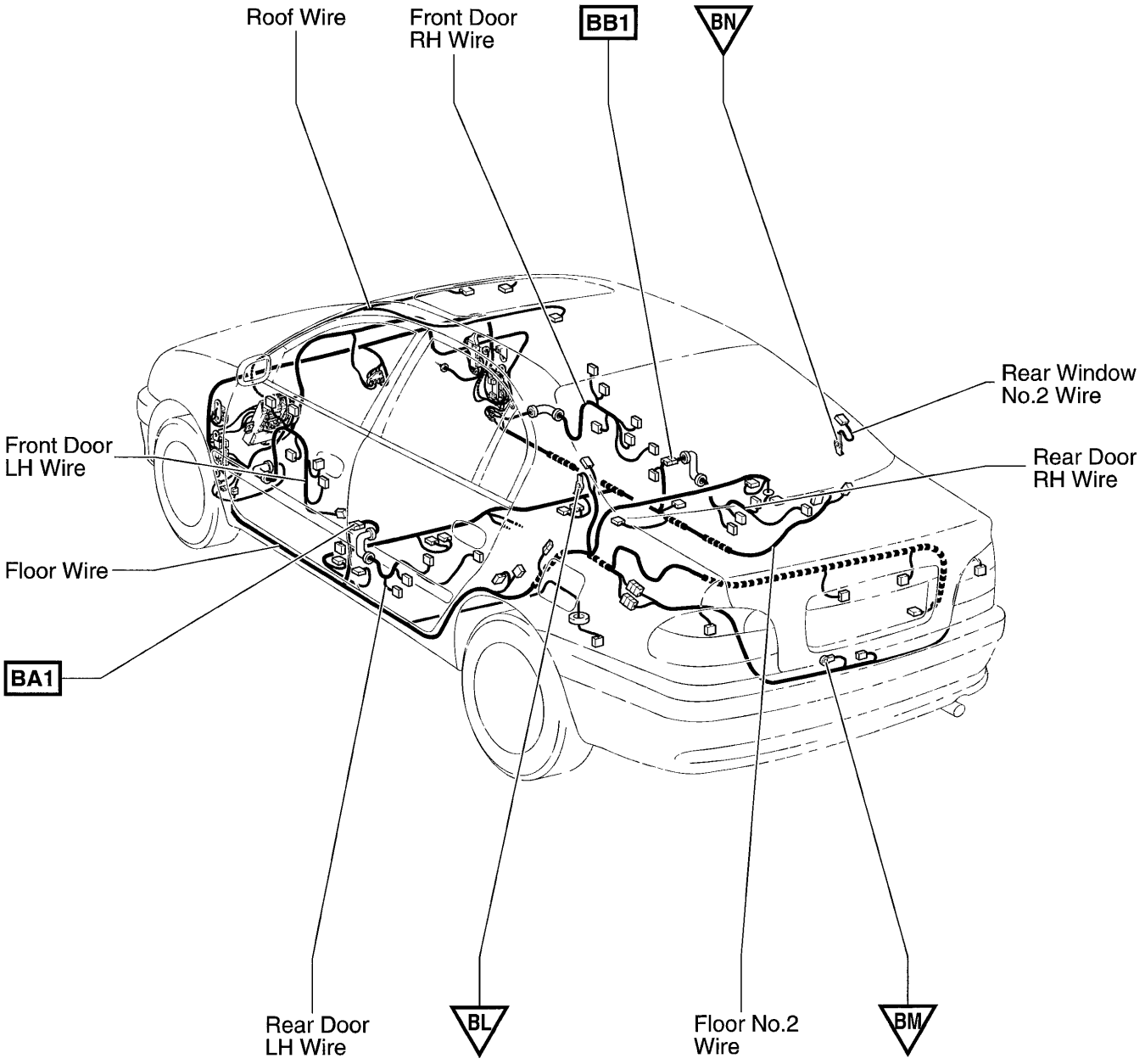


Code	Joining Wire Harness and Wire Harness (Connector Location)
IG1	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
IH1	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2	
IH3	
II1	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
IJ2	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IJ3	
IK1	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
IN1	Cowl Wire and A/C Sub Wire (Left Under the Blower Motor)

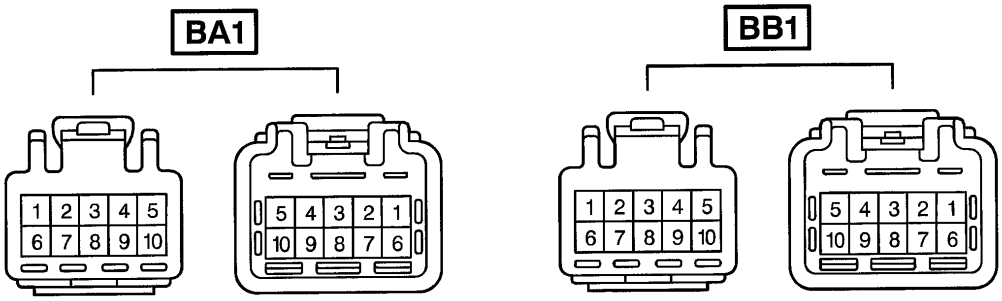
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : S/D]



Connector Joining Wire Harness and Wire Harness

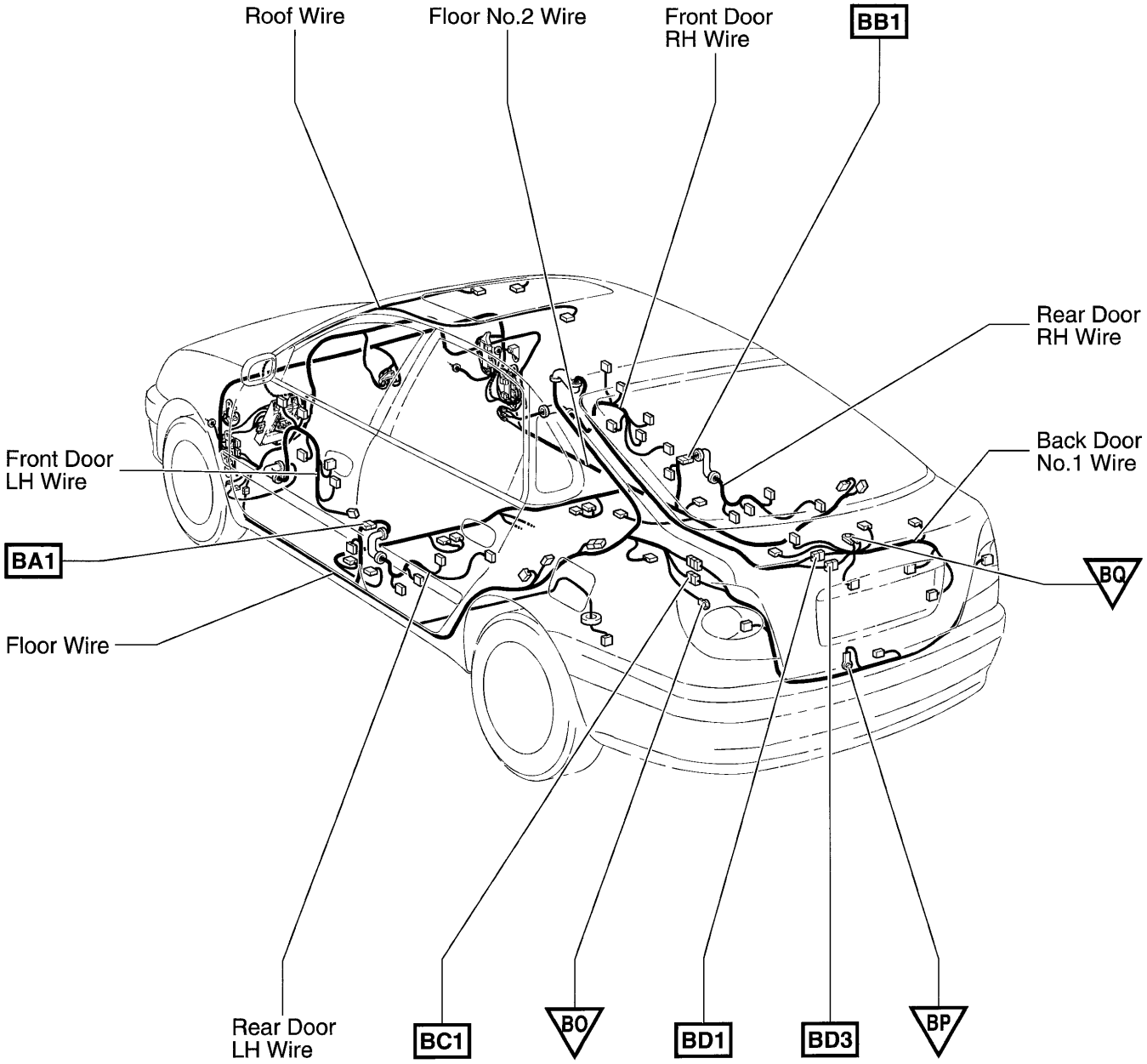


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)

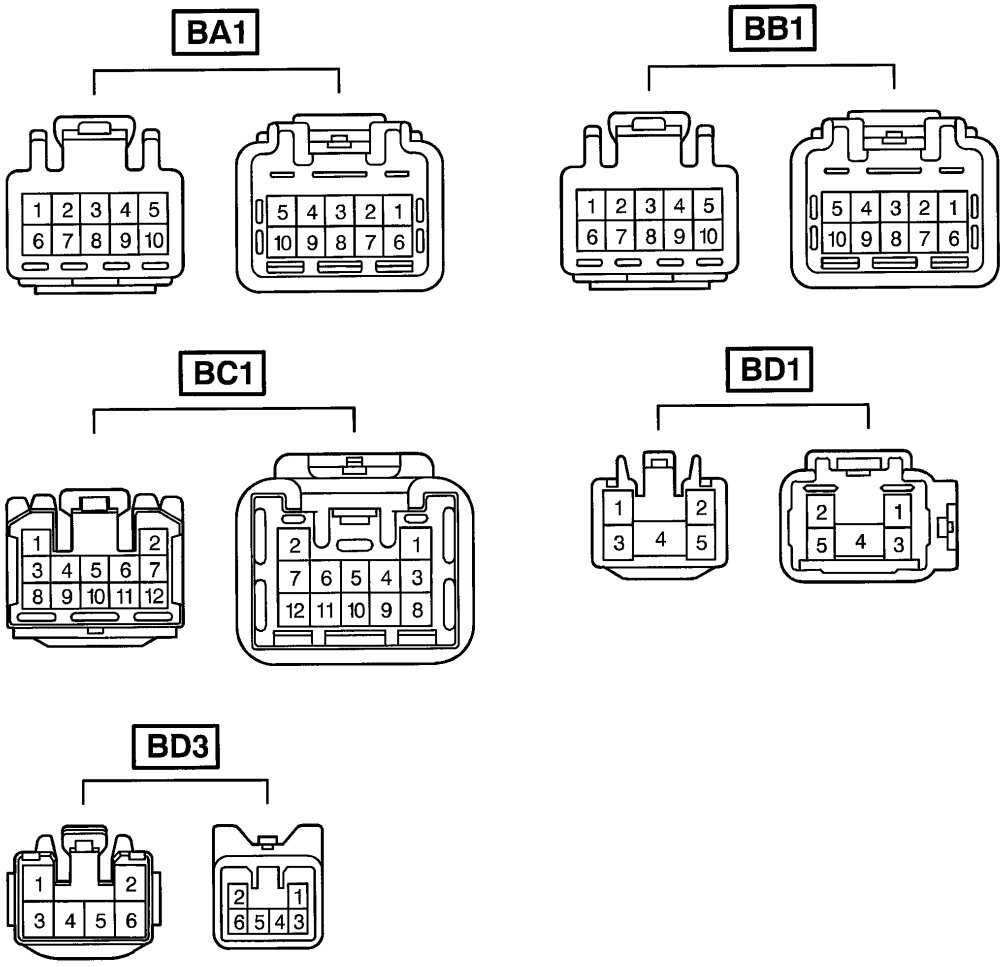
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : L/B]



Connector Joining Wire Harness and Wire Harness

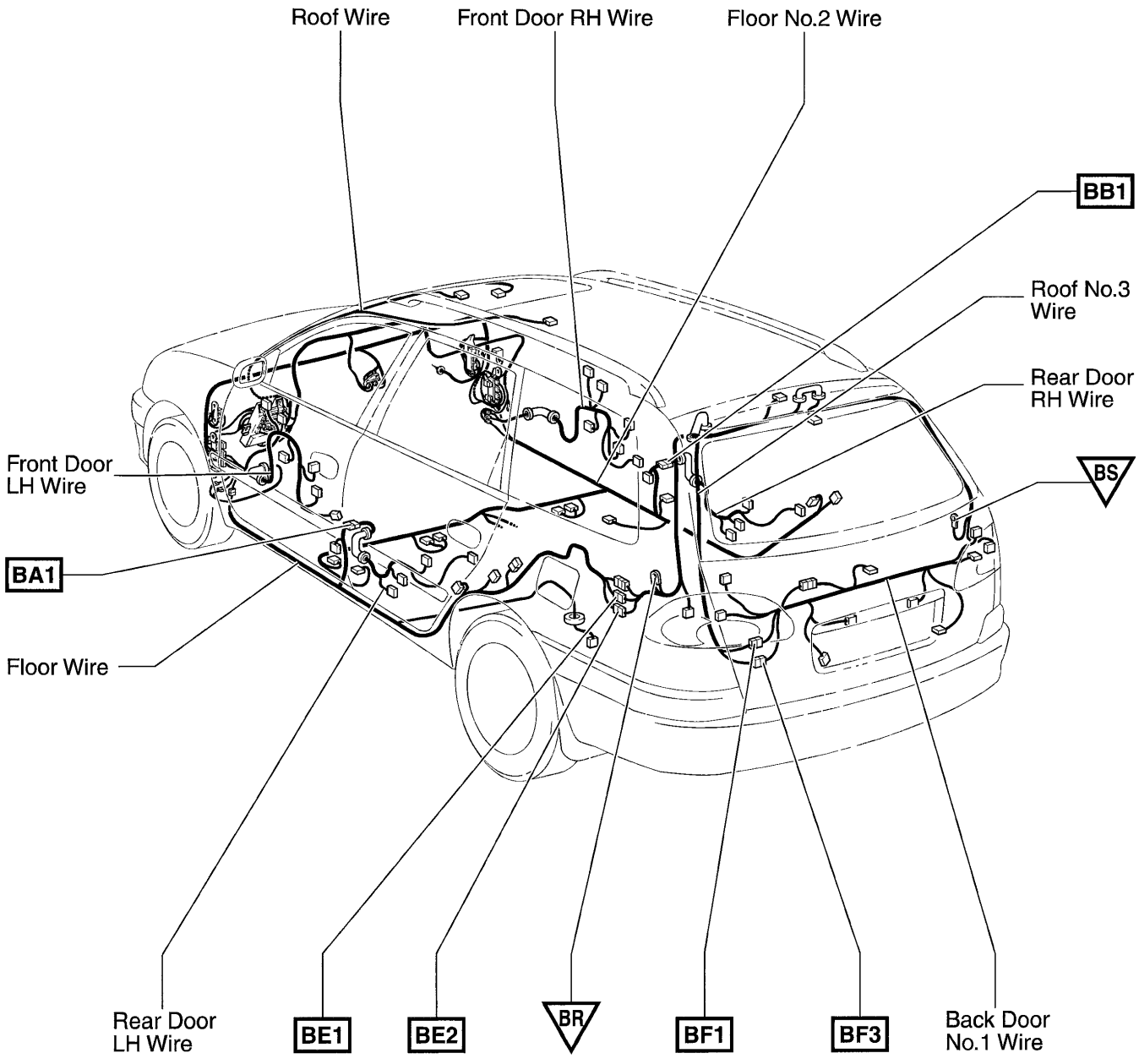


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
BC1	Floor Wire and Floor Wire (Under the Left Quarter Pillar)
BD1	Floor Wire and Back Door No.1 Wire (Back Door Left)
BD3	

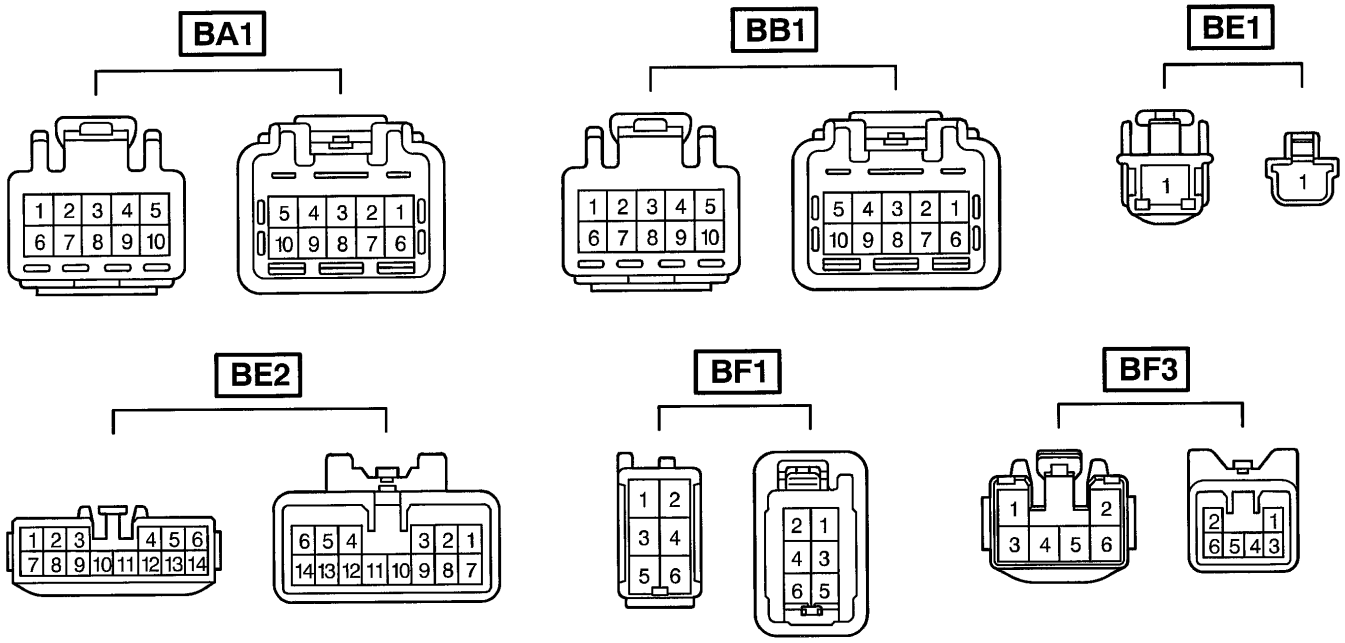
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : W/G]



Connector Joining Wire Harness and Wire Harness

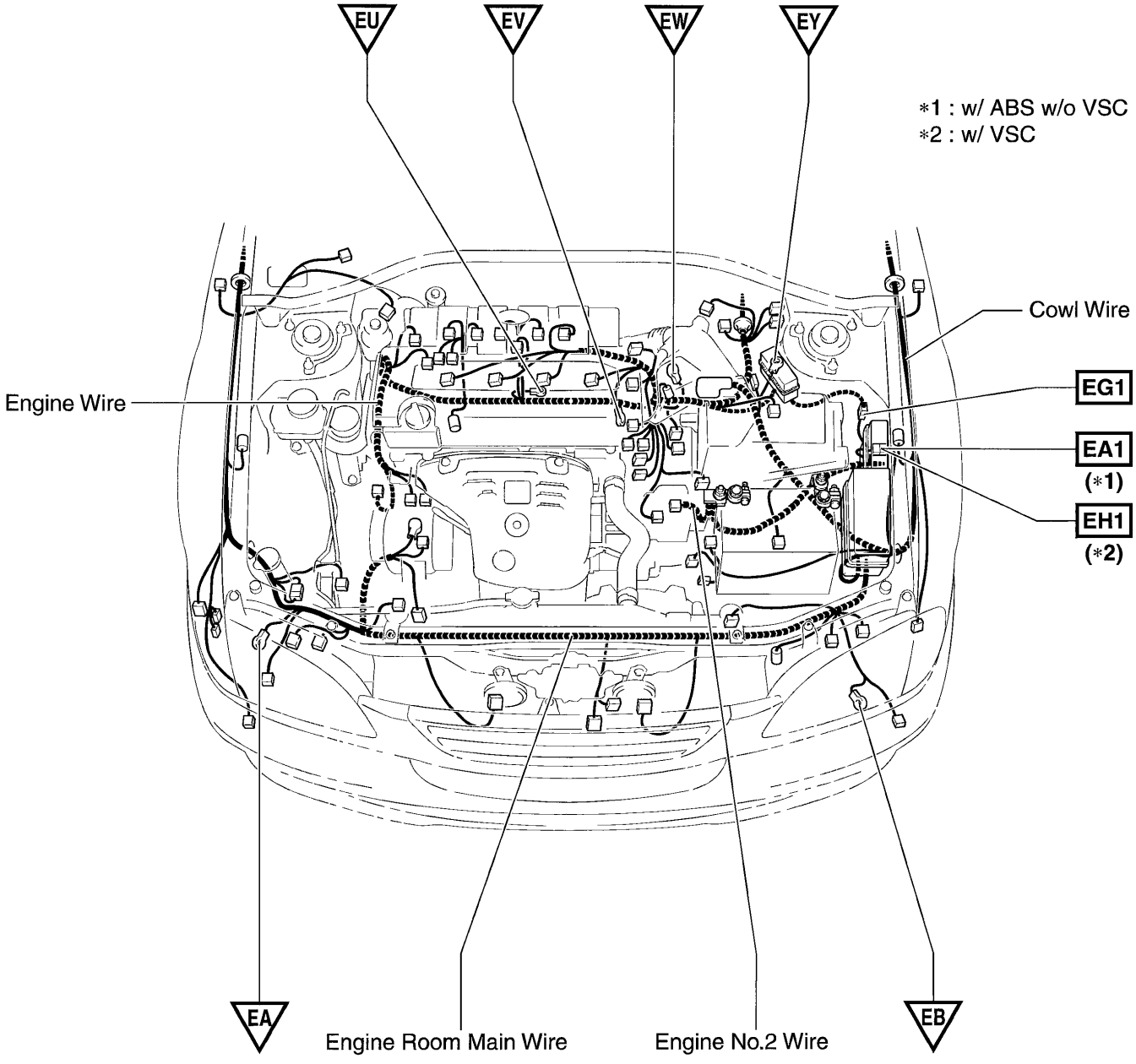


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
BE1	Roof No.3 Wire and Floor Wire (Left Quarter Panel)
BE2	Floor Wire and Roof No.3 Wire (Left Quarter Panel)
BF1	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF3	

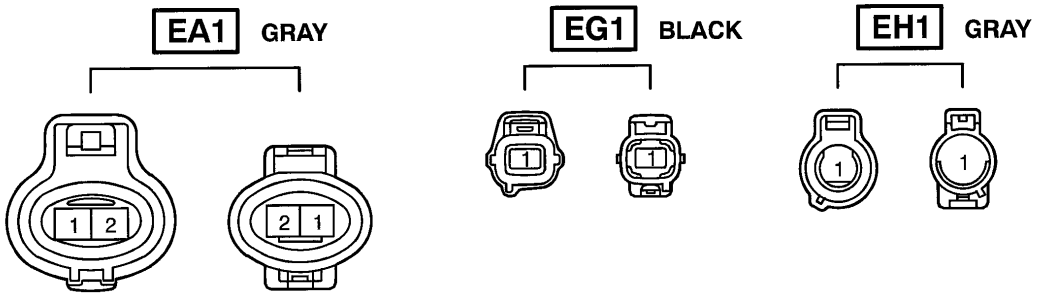
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 1AZ-FSE]



Connector Joining Wire Harness and Wire Harness

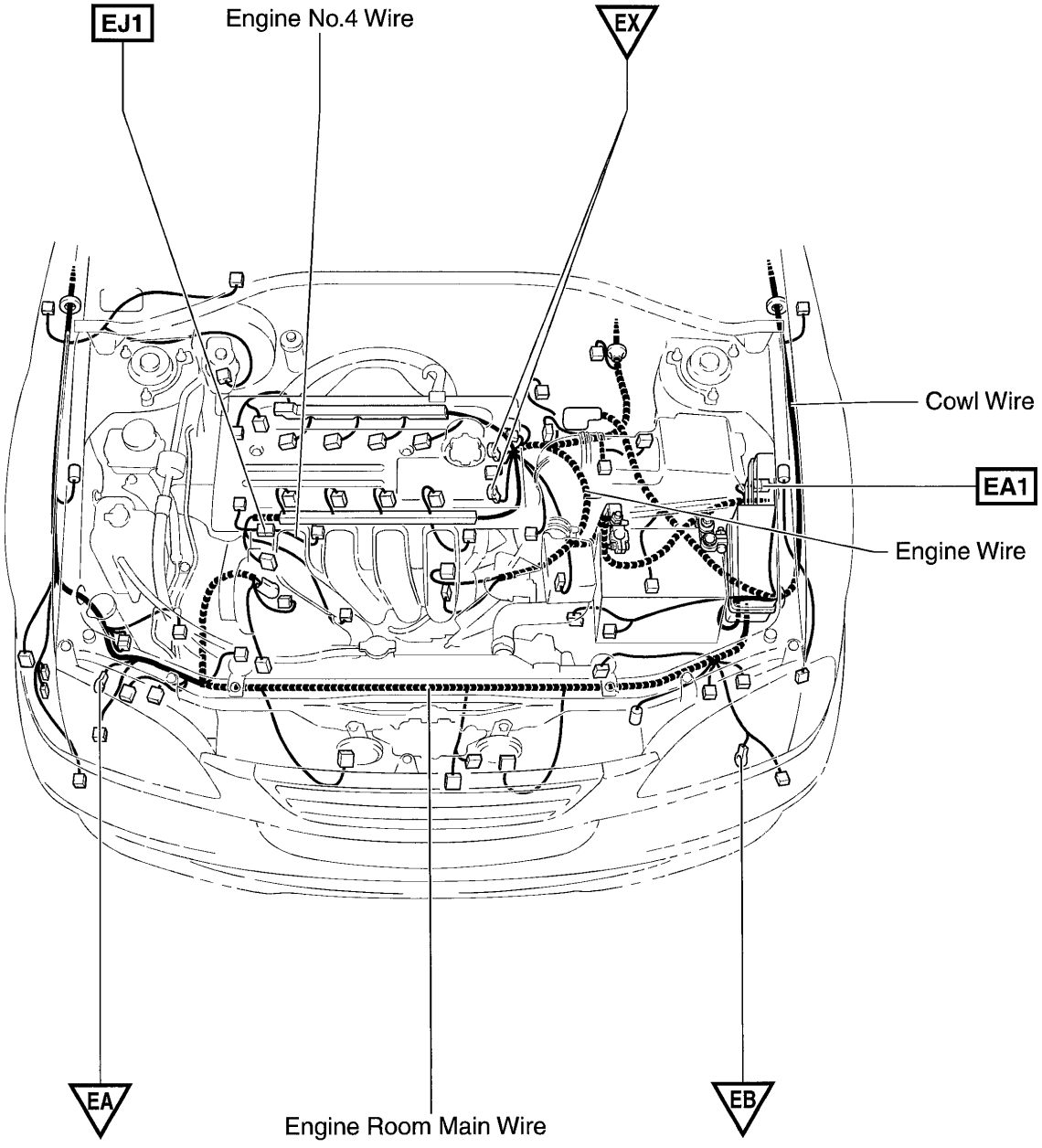


Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EG1	Engine Wire and Engine Room Main Wire (Engine Compartment Left)
EH1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

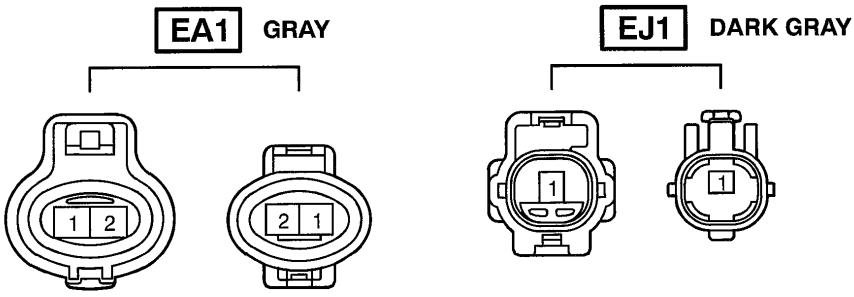
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 1ZZ-FE, 3ZZ-FE]



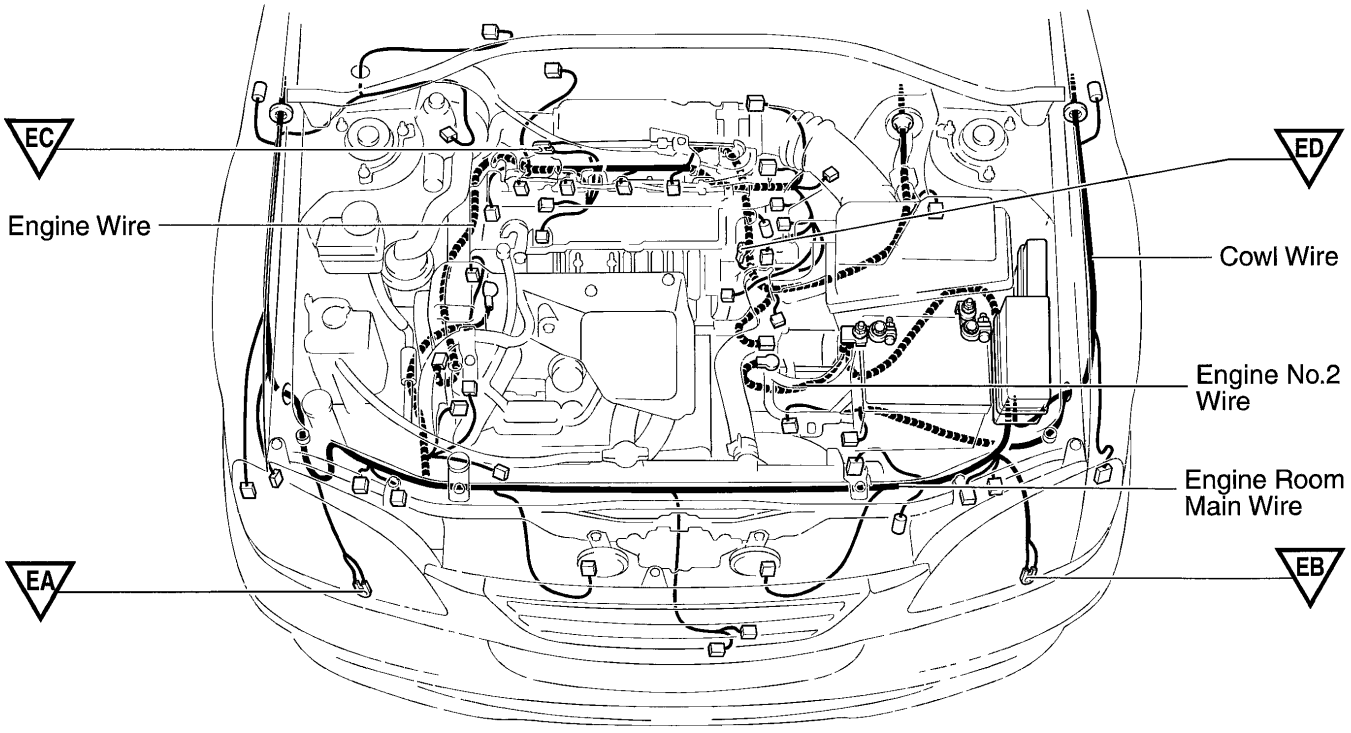
Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EJ1	Engine No.4 Wire and Engine Wire (Near the Starter)

▽ : Location of Ground Points

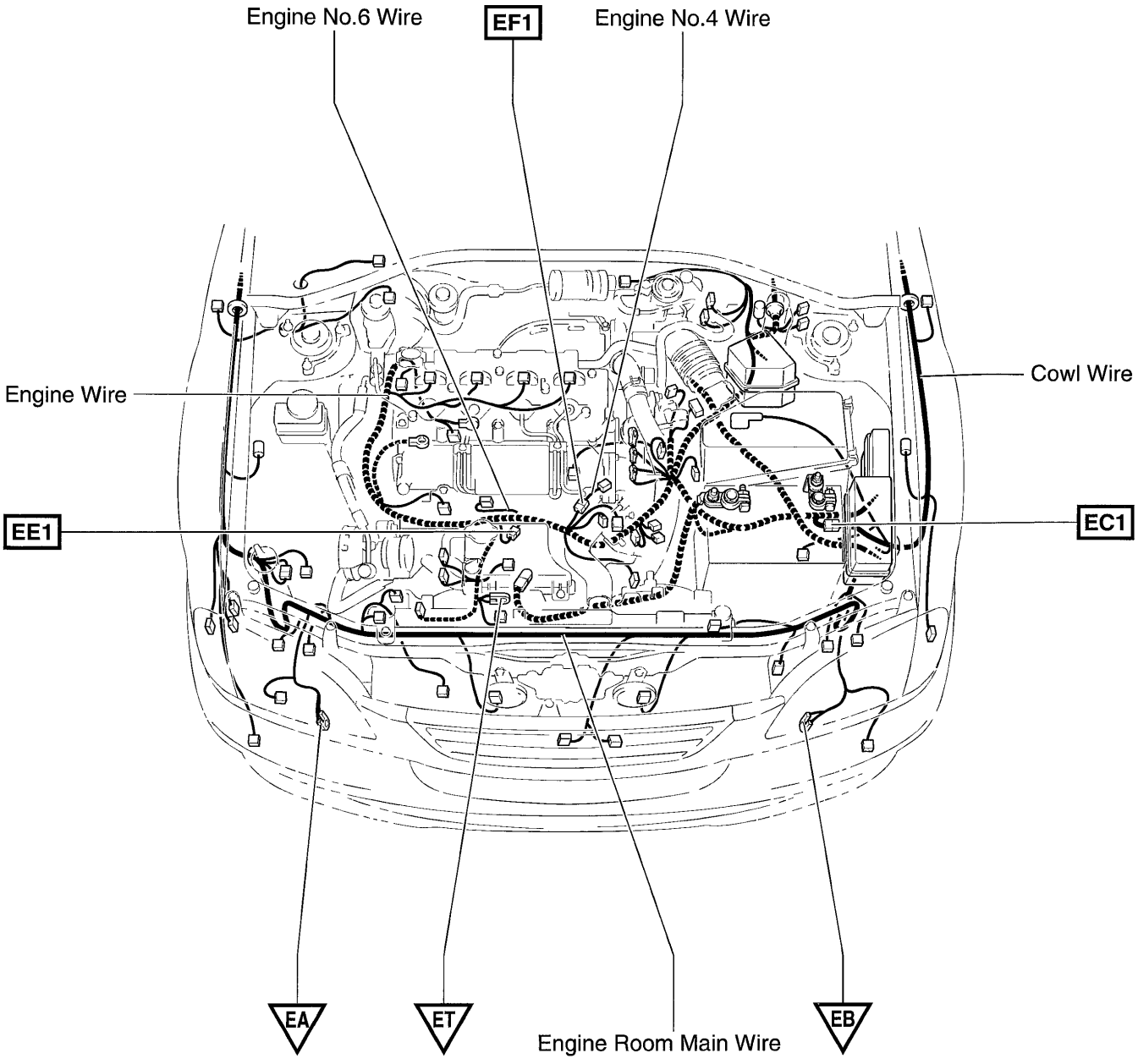
[RHD : 3S-FE]



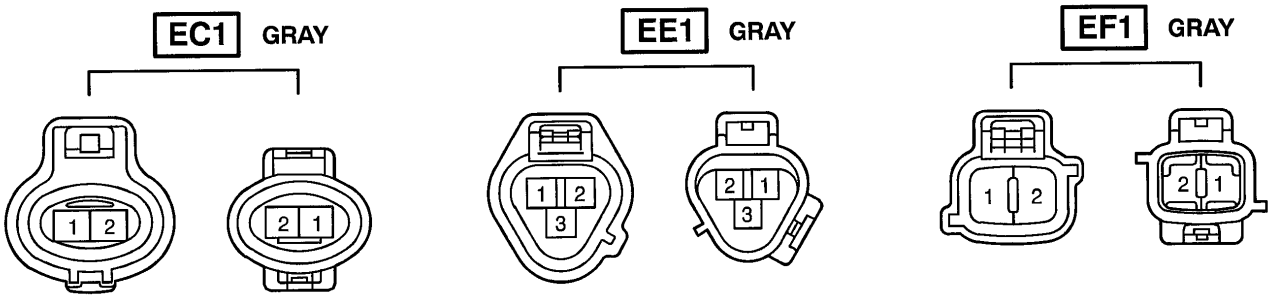
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 1CD-FTV]



Connector Joining Wire Harness and Wire Harness

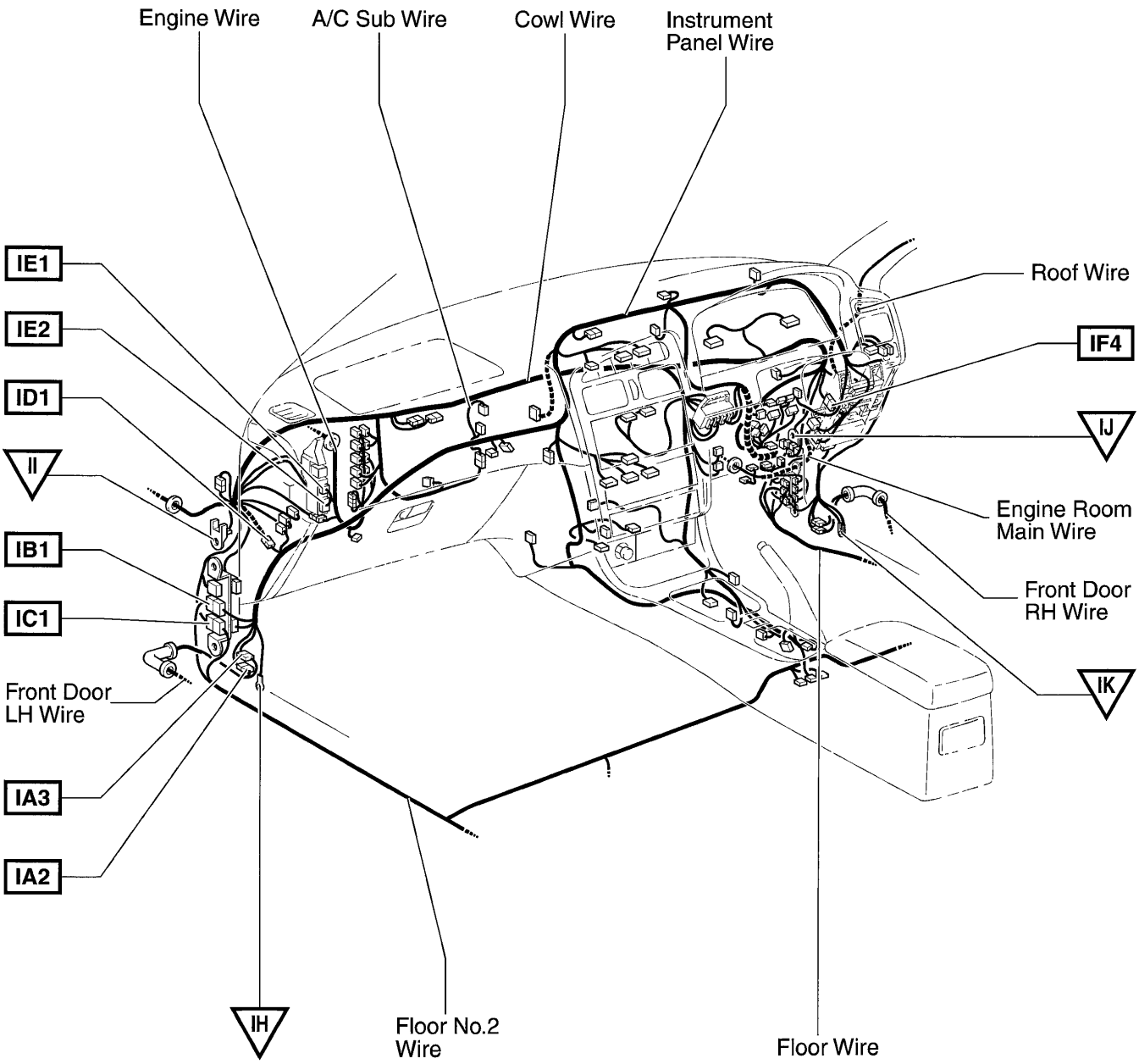


Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)
EE1	Engine Wire and Engine No.6 Wire (Under the Starter)
EF1	Engine Wire and Engine No.4 Wire (Under the Starter)

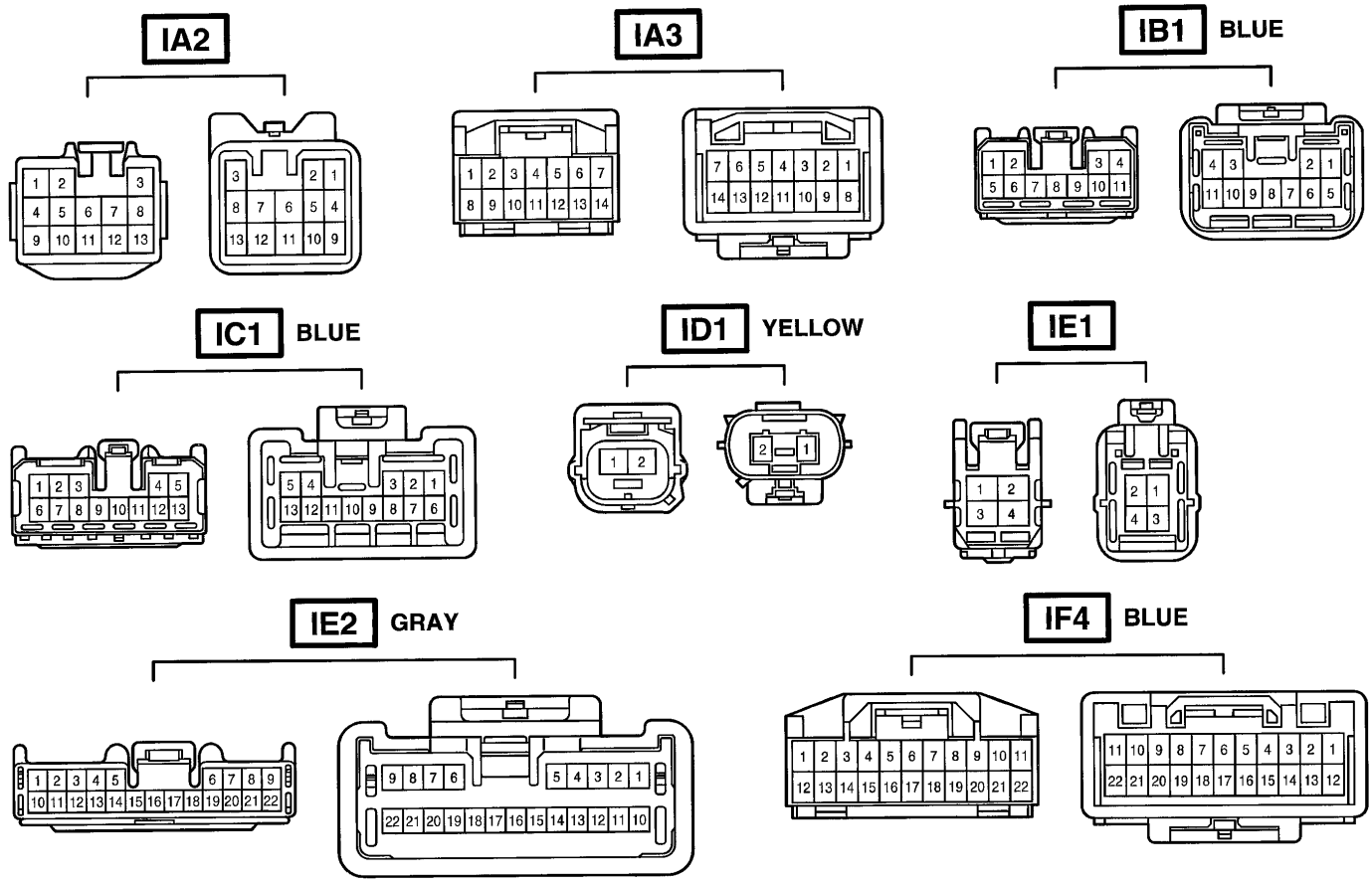
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD]



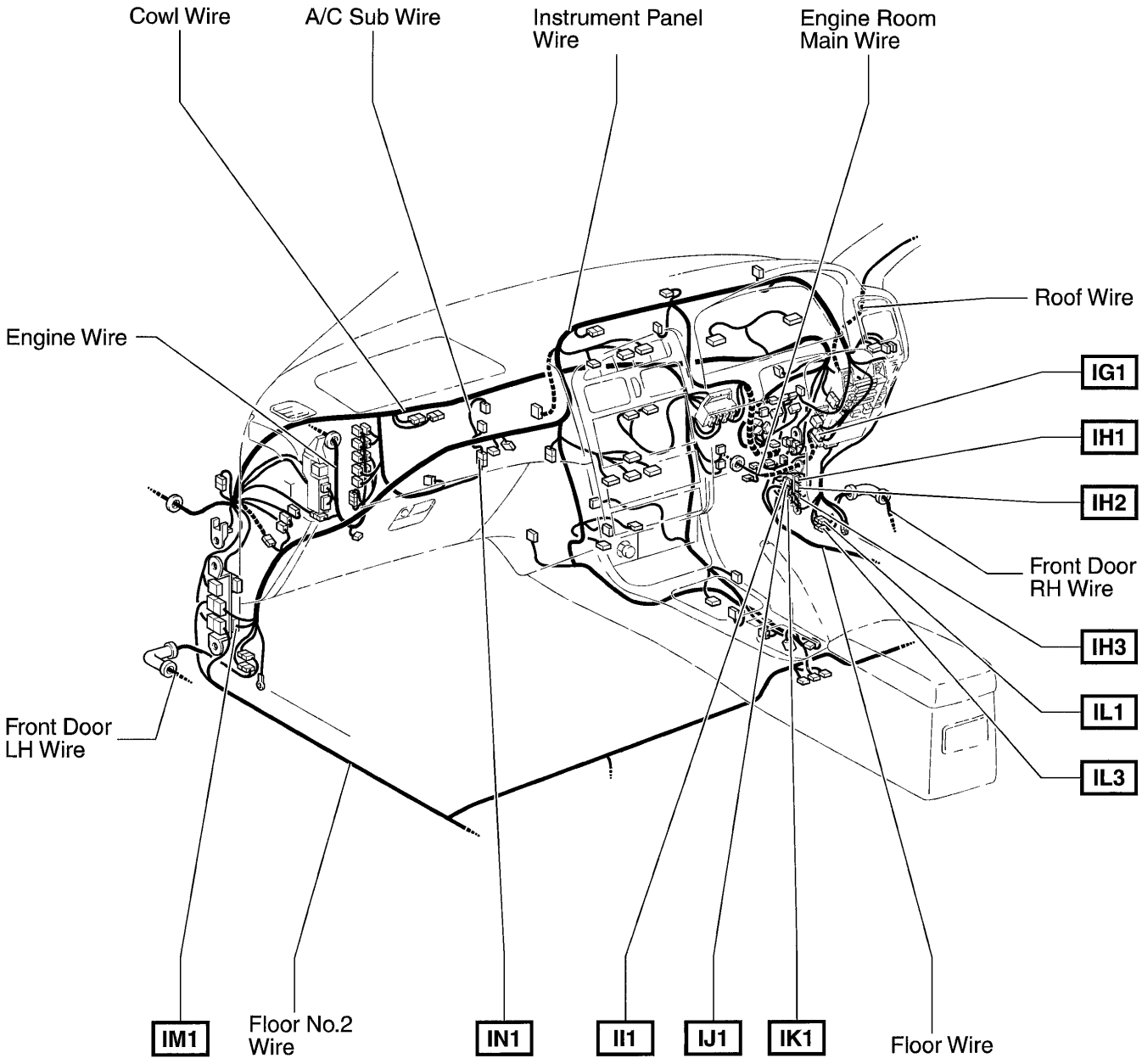
Connector Joining Wire Harness and Wire Harness



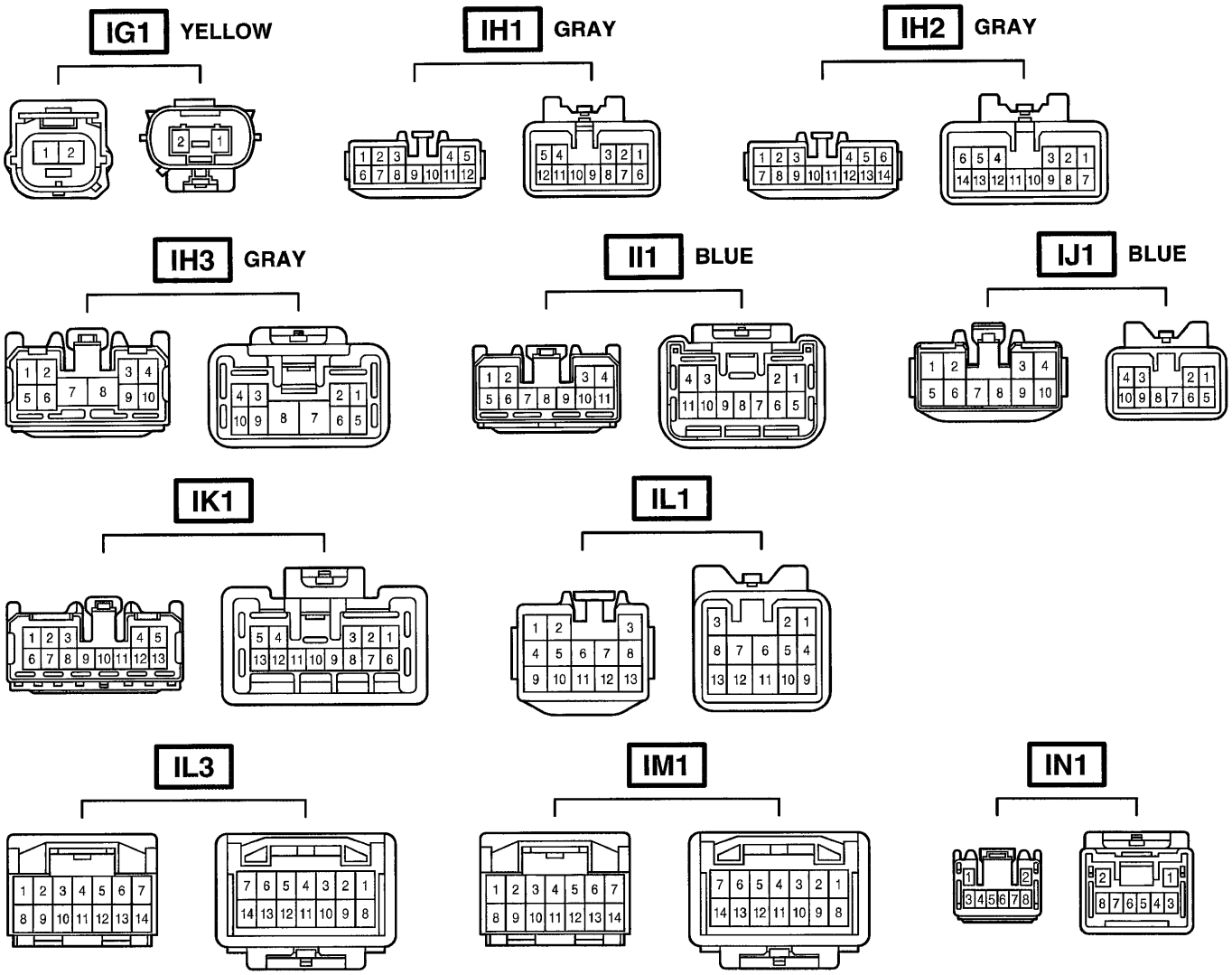
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA2	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA3	
IB1	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IC1	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
ID1	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IE1	Engine Wire and Cowl Wire (Passenger's Side Dash Panel)
IE2	
IF4	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



Connector Joining Wire Harness and Wire Harness

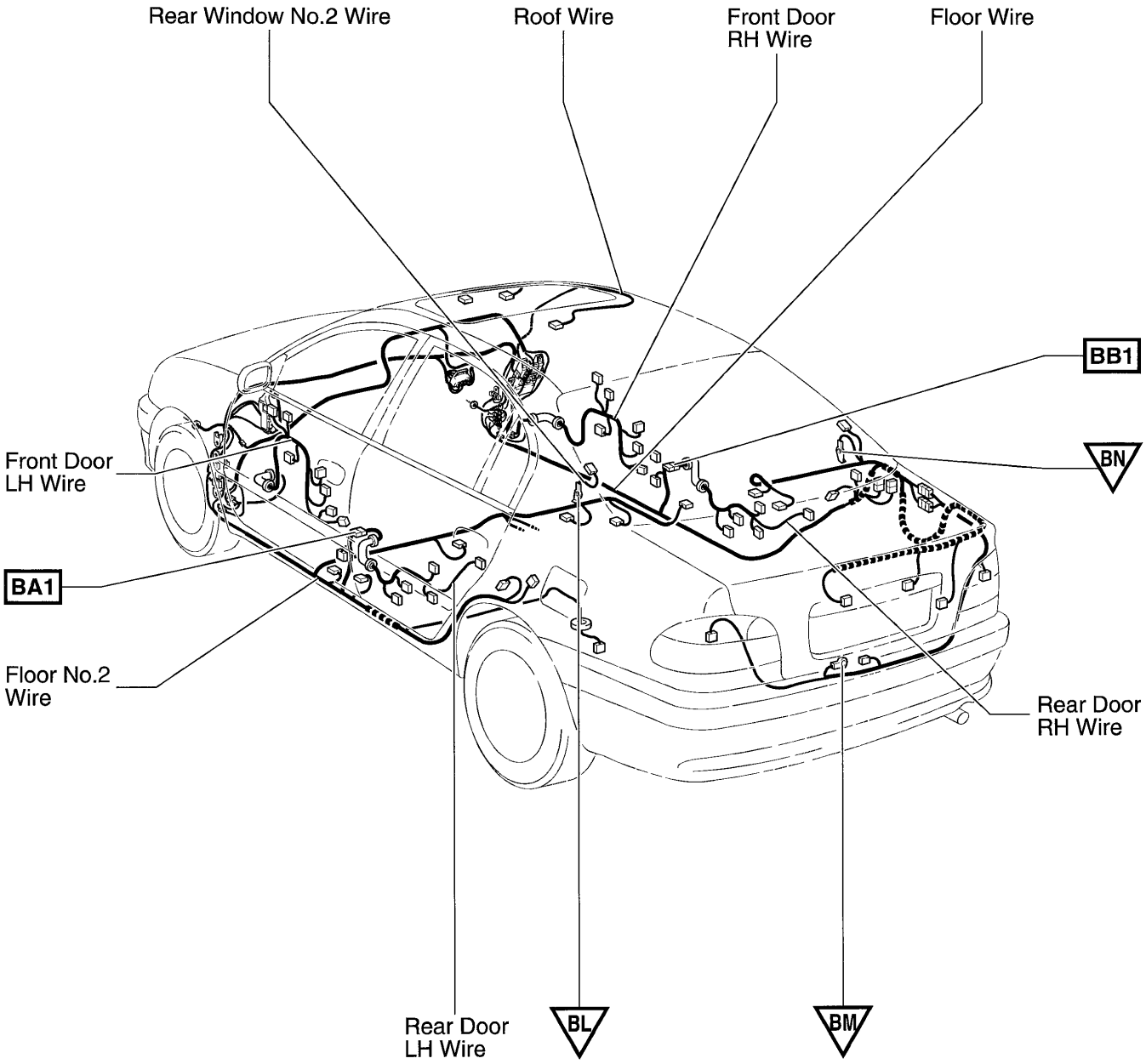


Code	Joining Wire Harness and Wire Harness (Connector Location)
IG1	Instrument Panel Wire and Engine Room Main Wire (Left Side of the Instrument Panel J/B)
IH1	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2	
IH3	
II1	Floor Wire and Cowl Wire (Right Kick Panel)
IJ1	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IK1	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL3	
IM1	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IN1	Cowl Wire and A/C Sub Wire (Right Under the Blower Motor)

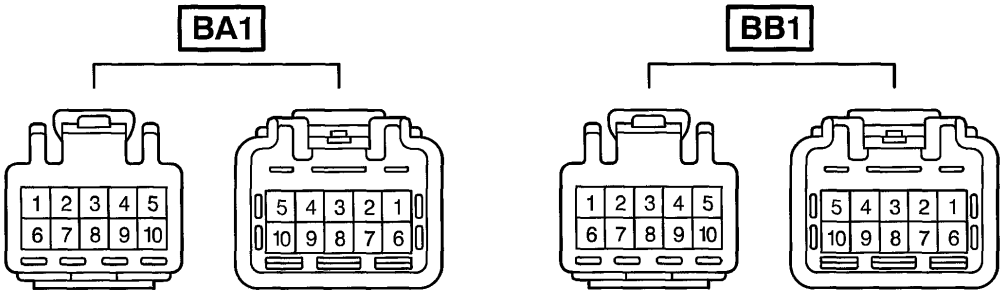
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : S/D]



Connector Joining Wire Harness and Wire Harness

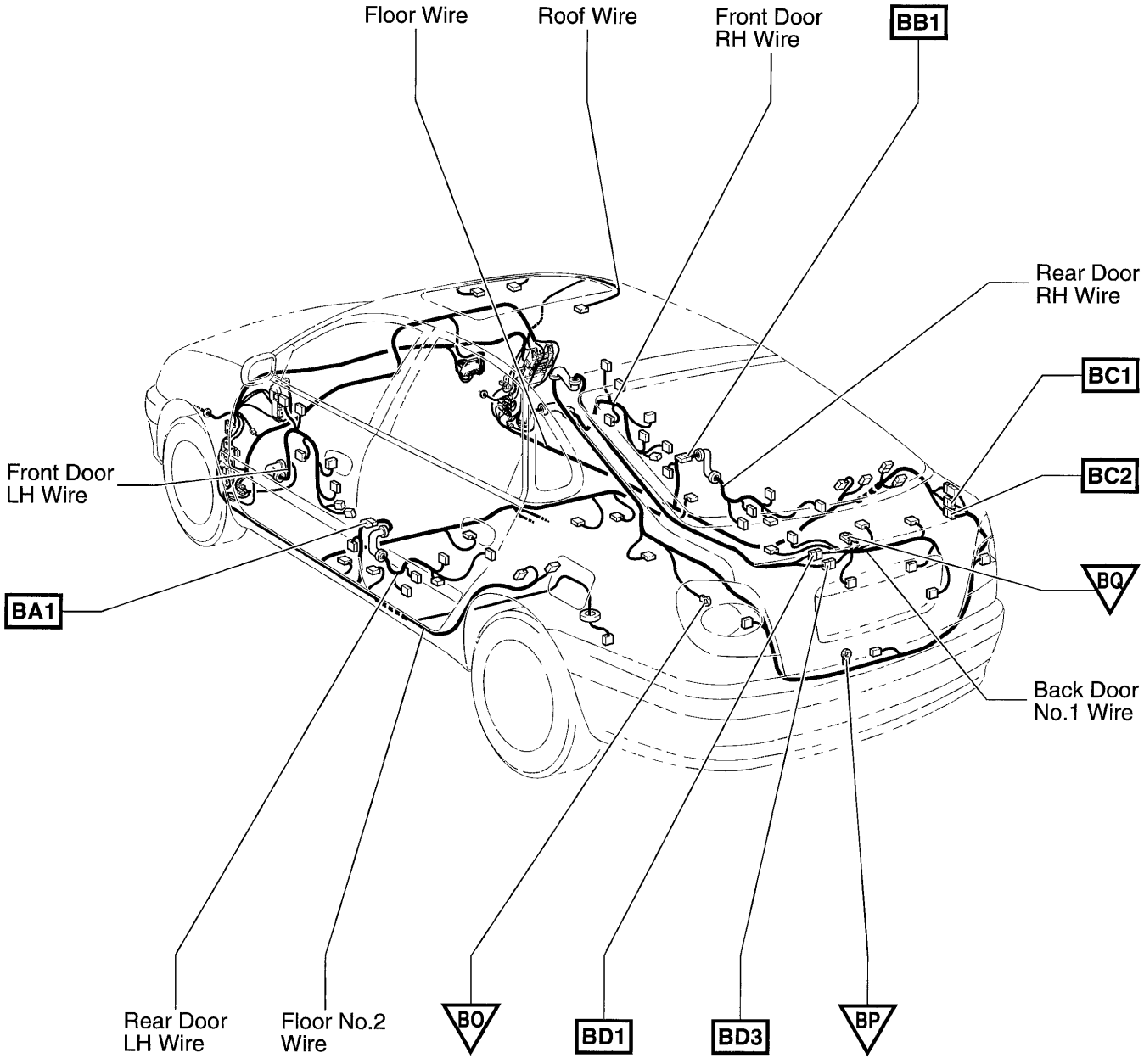


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)

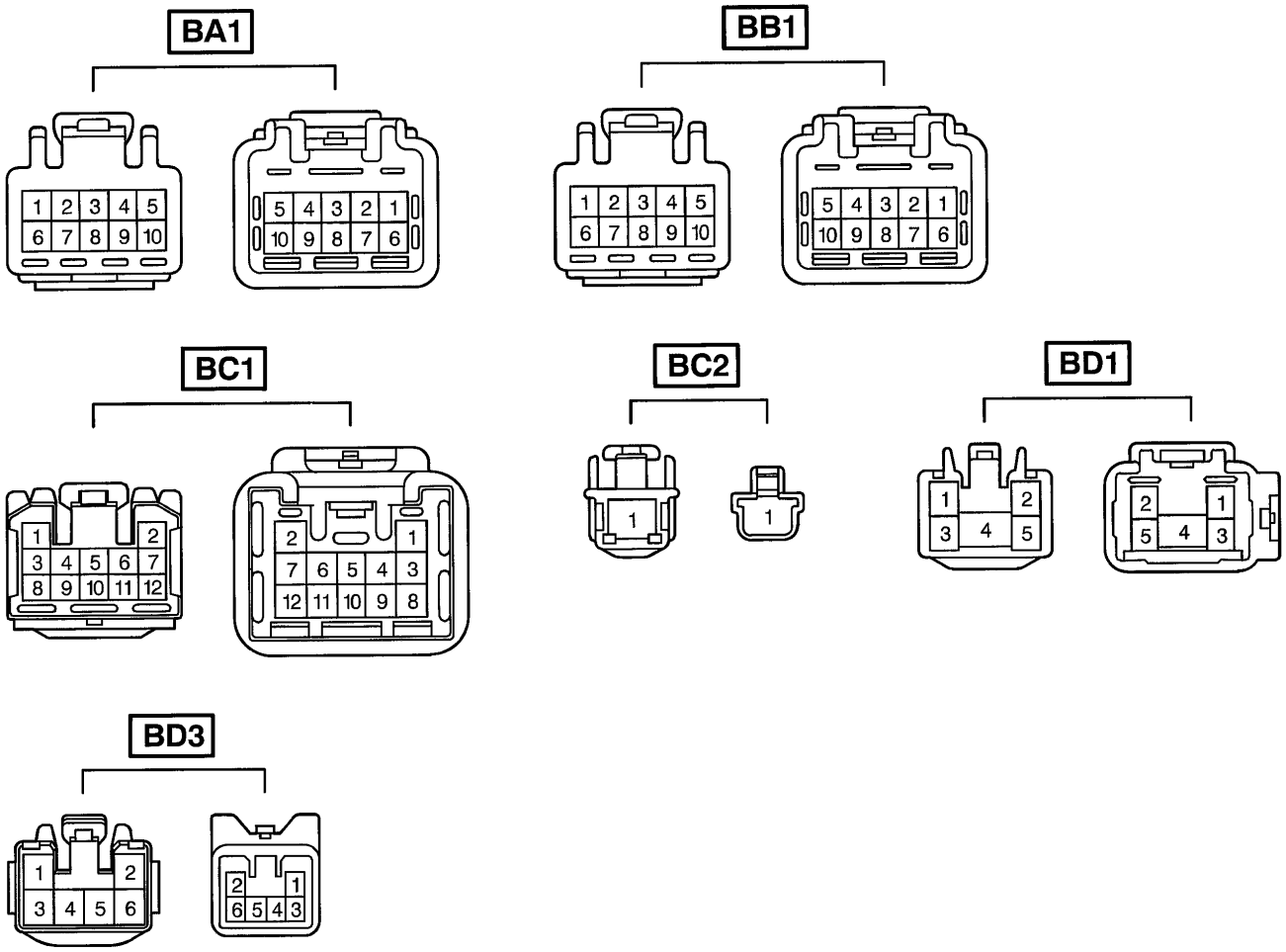
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : L/B]



Connector Joining Wire Harness and Wire Harness

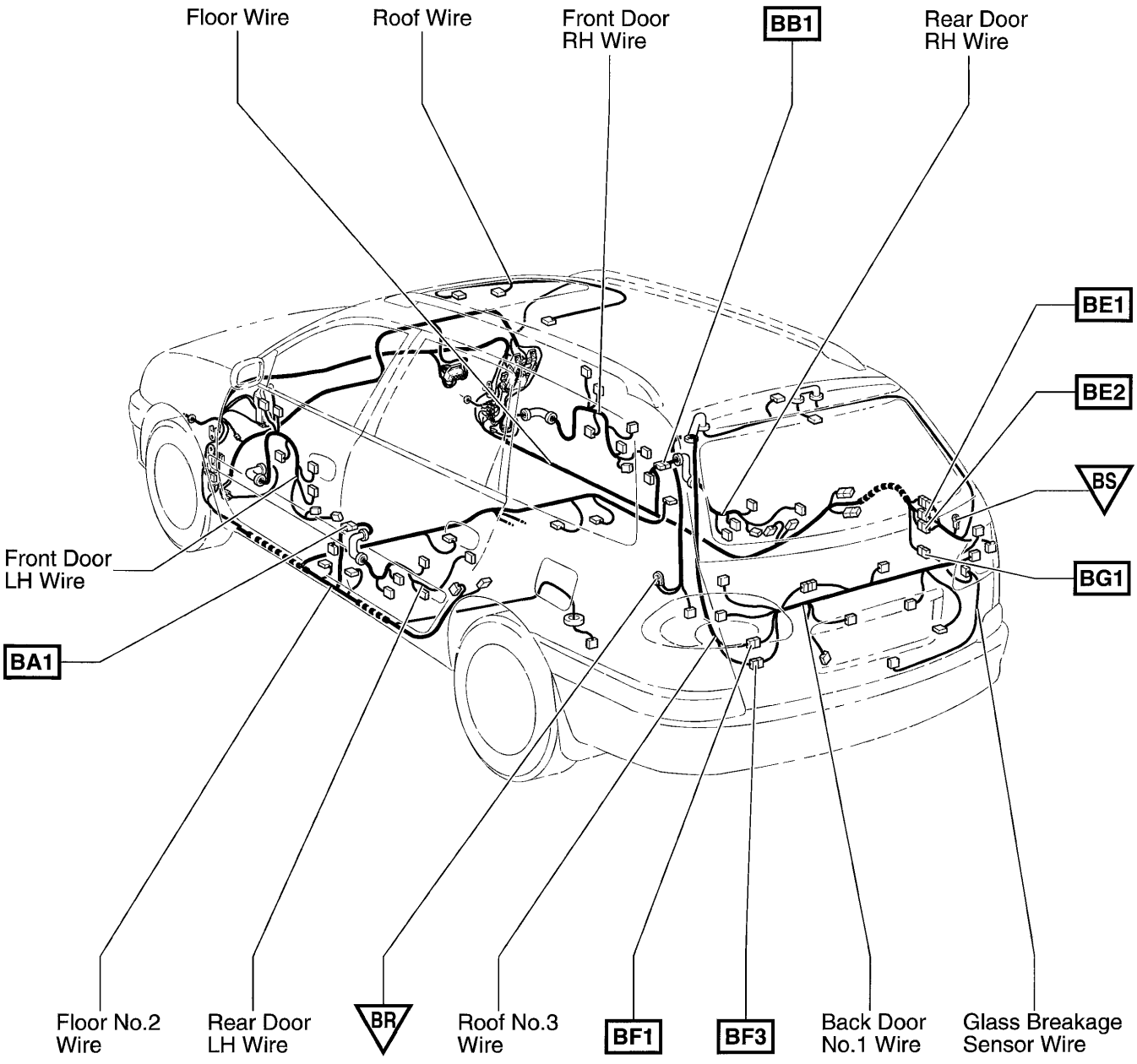


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
BC1	Floor Wire and Floor Wire (Under the Right Quarter Pillar)
BC2	
BD1	Floor Wire and Back Door No.1 Wire (Back Door Left)
BD3	

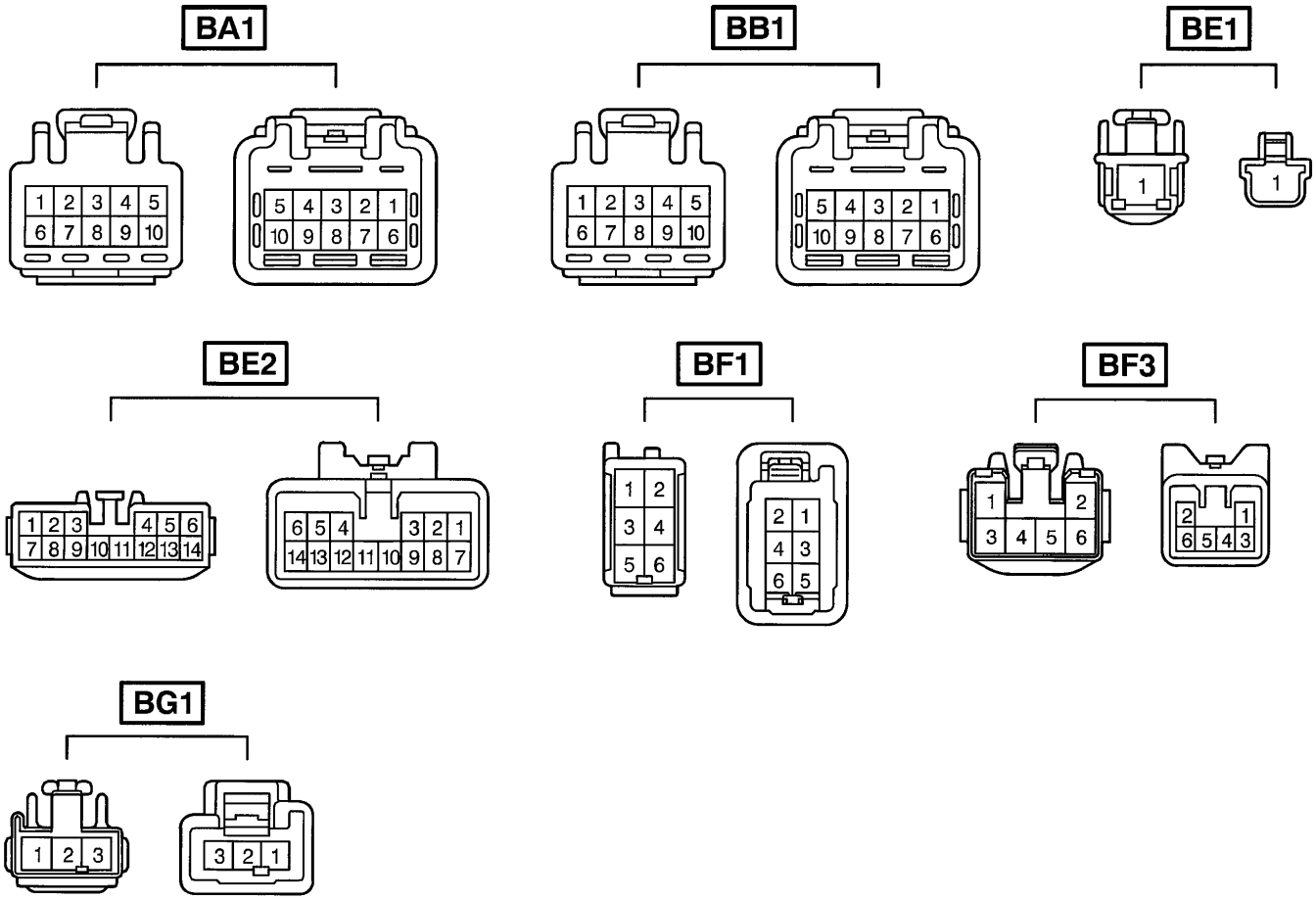
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : W/G]



Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
BE1	Roof No.3 Wire and Floor Wire (Right Quarter Panel)
BE2	
BF1	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF3	
BG1	Floor Wire and Glass Breakage Sensor Wire (Rear Quarter Panel RH)

F CONNECTOR LIST

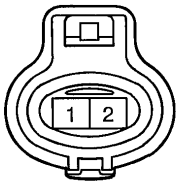
A1
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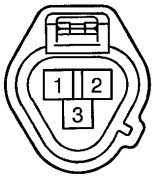
A2
(3S-FE) BLACK



A2
(Except 3S-FE) GRAY



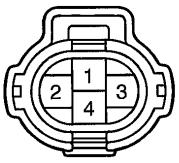
A4
(1AZ-FSE, 1ZZ-FE, 3ZZ-FE) GRAY



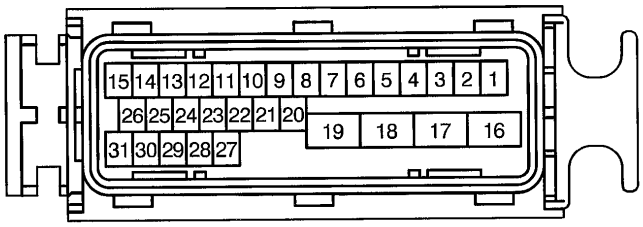
A4
(3S-FE, 1CD-FTV) GRAY



A5
DARK GRAY



A6
BLACK



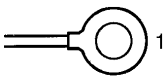
A7
GRAY



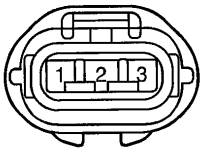
A8
GRAY



A10



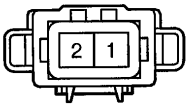
A11
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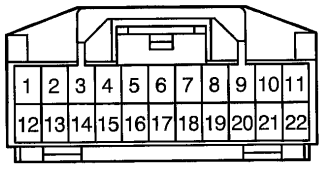
A11
(1ZZ-FE, 3ZZ-FE, 1CD-FTV) BLACK



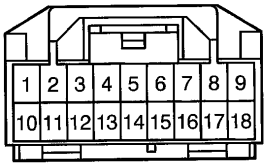
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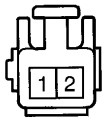
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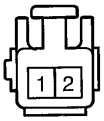
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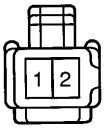
A16



A17
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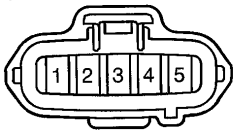
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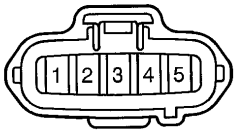
A20
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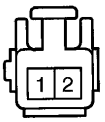
A20
(1CD-FTV LHD) BLACK



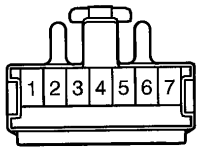
A20
(1CD-FTV RHD) DARK GRAY



A21



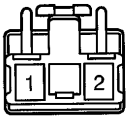
A22



A23
YELLOW



A24
YELLOW



A25
BLACK



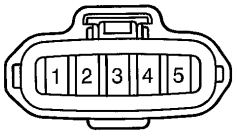
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GRAY



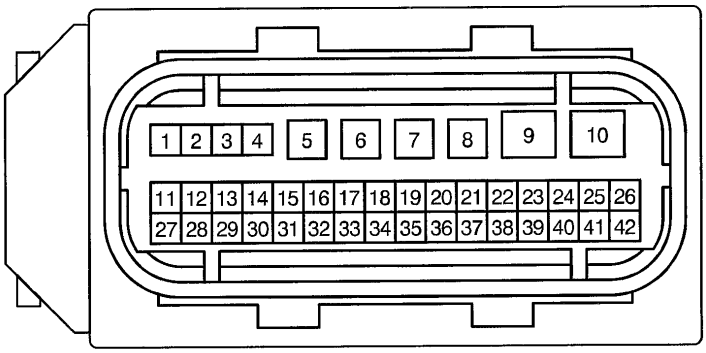
A27
GRAY



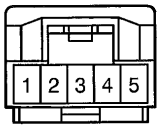
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BLACK



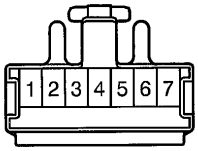
A29
BLACK



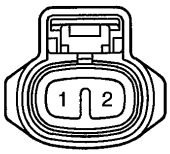
A30
BLACK



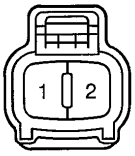
A31
BLACK



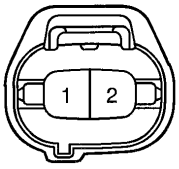
B1
(1AZ-FSE, 3S-FE, 1CD-FTV) GRAY



B1
(1ZZ-FE, 3ZZ-FE) GRAY



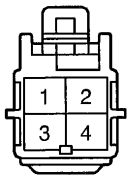
B2
BLACK



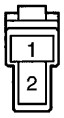
B3
BLACK



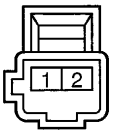
B4



B5
BLACK



B8
BLACK



C1
(1CD-FTV) DARK GRAY



C1
(Except 1CD-FTV) BLACK



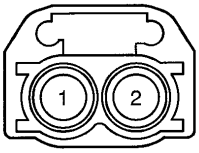
C3
(1AZ-FSE, 1ZZ-FE, 3ZZ-FE) GRAY



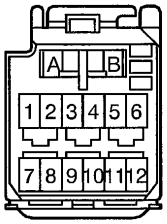
C3
(3S-FE) BLACK



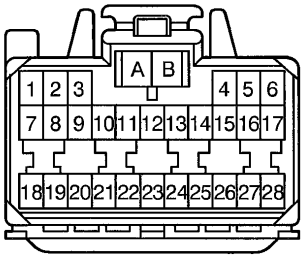
C3
(1CD-FTV) BLACK



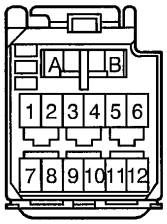
C4
YELLOW



C5
YELLOW



C6
YELLOW



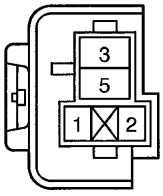
C7
BLACK



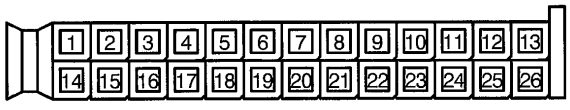
C8
BLACK



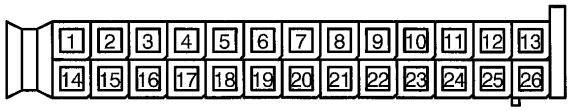
C9



C10
BLACK

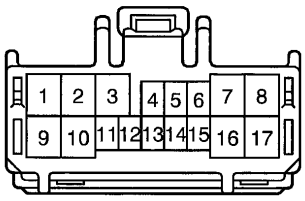


C11
GREEN

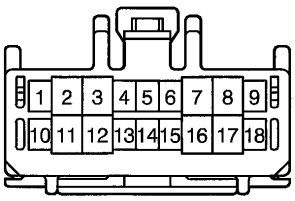


F CONNECTOR LIST

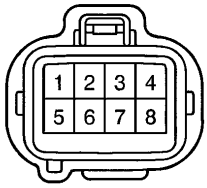
C12



C13
BLACK



C14
BLACK



C15
YELLOW



C16
YELLOW



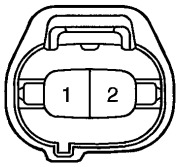
C17
(1AZ-FSE) BLACK



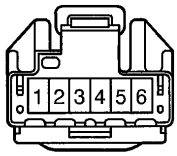
C17
(1ZZ-FE, 3ZZ-FE) BLACK



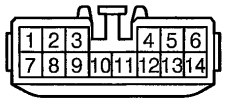
C18
BLACK



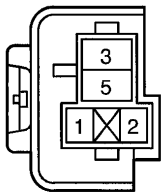
C19
BLACK



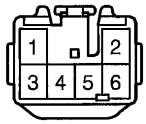
D1
BLUE



D2



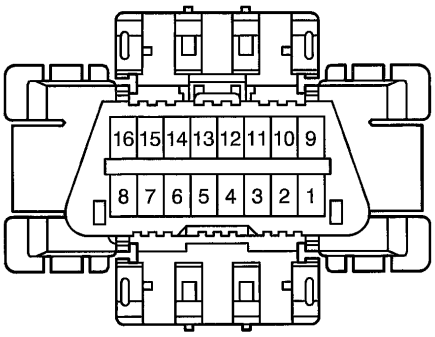
D3



D6
BLACK



D8



D9
BLACK



D10



D11



D12



D13



D14
BLACK



D15
BLACK



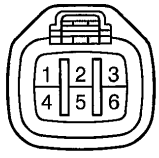
D16
BLACK



D17
BLACK



D18
BLACK



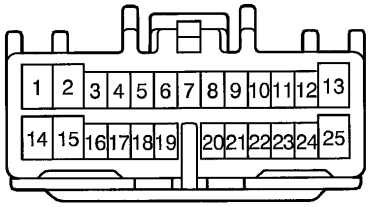
D19
DARK GRAY



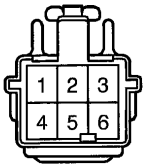
D21
BLACK



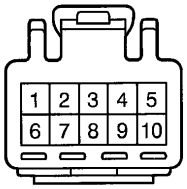
D22



D23

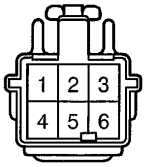


D24

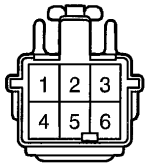


* 1 : 1AZ-FSE, 1ZZ-FE LHD, 3ZZ-FE LHD, 3S-FE Europe

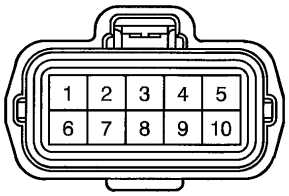
D25



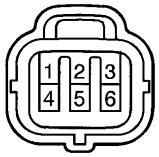
D26



E1
(1AZ-FSE) GRAY



E1
(1ZZ-FE) GRAY



E1
(3S-FE) BLACK



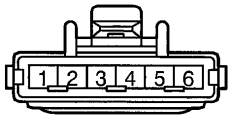
E2



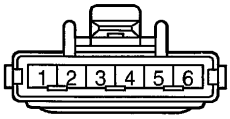
E3
GRAY



E5
(* 1)



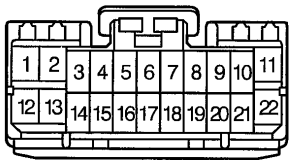
E5
(1ZZ-FE RHD, 3ZZ-FE RHD) BLACK



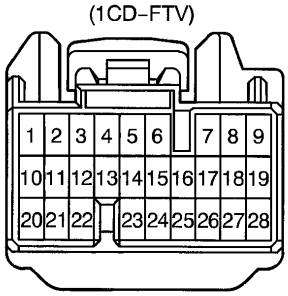
E5
(3S-FE General) BLACK



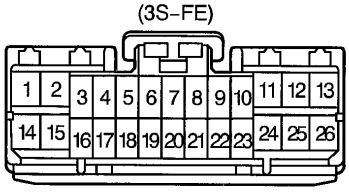
E6
(3S-FE)



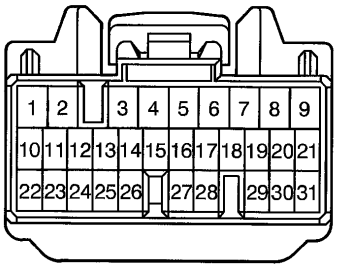
E6
(1CD-FTV)



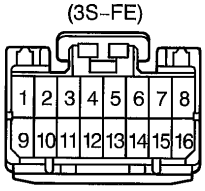
E7
(3S-FE)



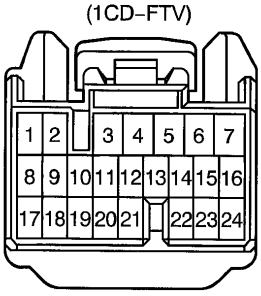
E7
(1CD-FTV)



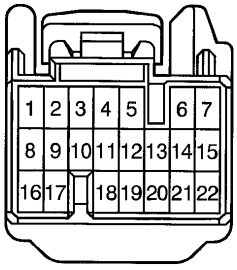
E8
(3S-FE)



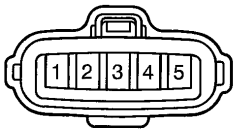
E8
(1CD-FTV)



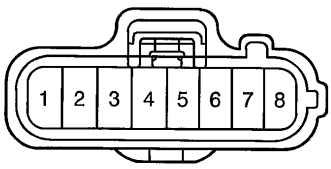
E9



E10
BLACK



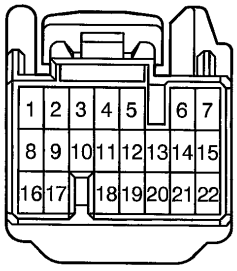
E11
BLACK



E12

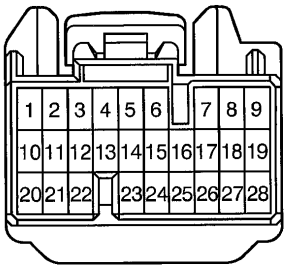


E13

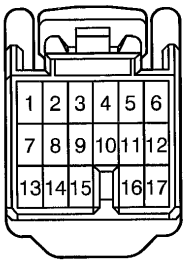


F CONNECTOR LIST

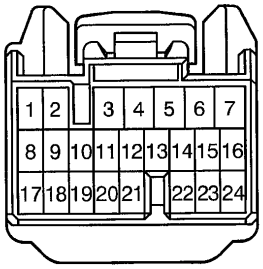
E14



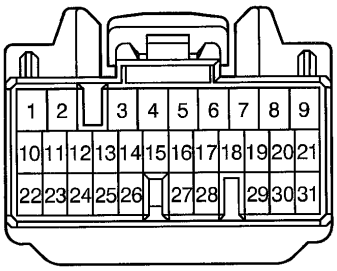
E15



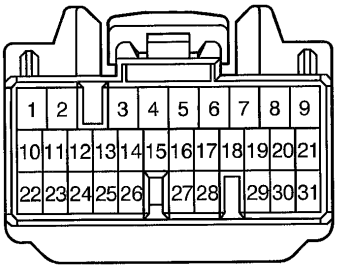
E16



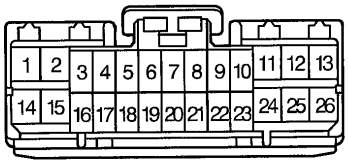
E17



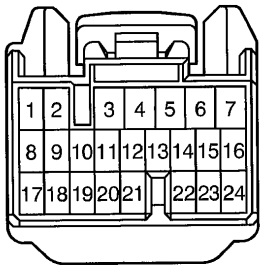
E18
(1ZZ-FE A/T)



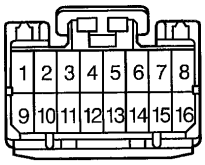
E18
(1ZZ-FE M/T, 3ZZ-FE)



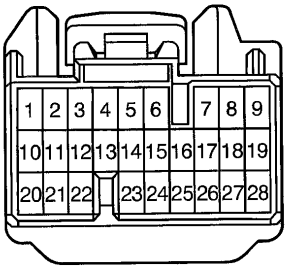
E19
(1ZZ-FE A/T)



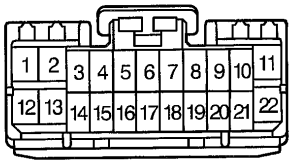
E19
(1ZZ-FE M/T, 3ZZ-FE)



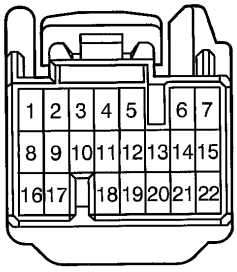
E20
(1ZZ-FE A/T)



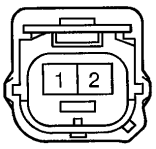
E20
(1ZZ-FE M/T, 3ZZ-FE)



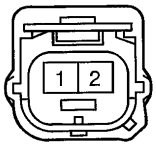
E21
(1ZZ-FE A/T)



F1
YELLOW



F2
YELLOW



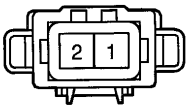
F3
BLACK



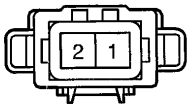
F4
BLACK



F5
BLACK



F6
BLACK



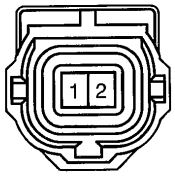
F7
BLACK



F8
BLACK



F9
BLACK



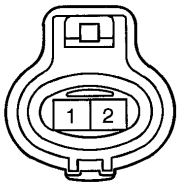
F10
BLACK



F11
GRAY



F12
(1CD-FTV) GRAY



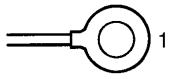
F13
(1CD-FTV) GRAY



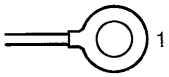
F14
DARK GRAY



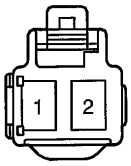
F15



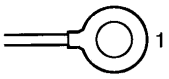
F16



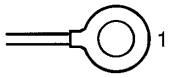
F17
BLUE



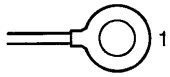
F18



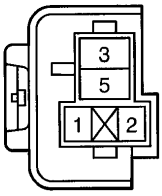
F19



F20



F21



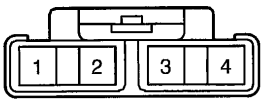
F22



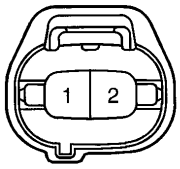
F23



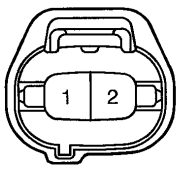
F24



F25
BLACK



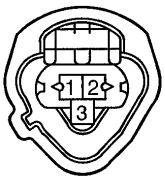
F26
BLACK



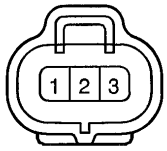
F27
DARK GRAY



F28
(1AZ-FSE) GRAY



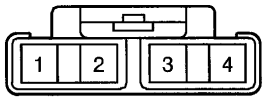
F28
(1CD-FTV LHD) BLACK



F29
(1CD-FTV LHD) BLACK



F30



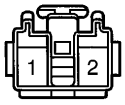
G1



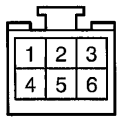
G3
BLACK



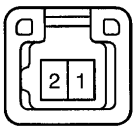
G4
BLACK



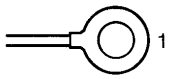
G5



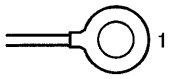
G6



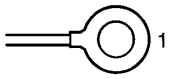
G7



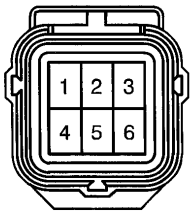
G8



G9

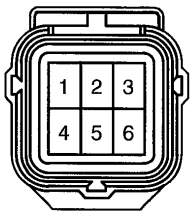


H2
BLACK

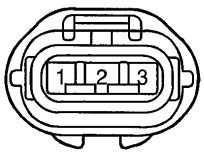


F CONNECTOR LIST

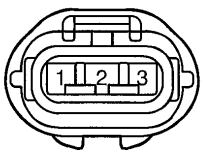
H3
BLACK



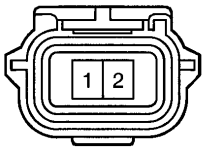
H4
GRAY



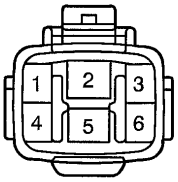
H5
GRAY



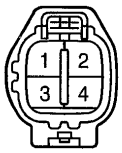
H6
BLACK



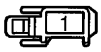
H7
BLACK



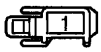
H8
(3S-FE) DARK GRAY



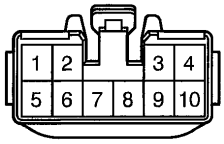
H9
BLACK



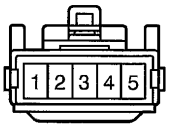
H10
BLACK



H11
BLACK



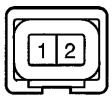
H12
GRAY



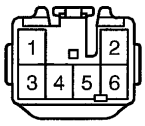
H13
BLACK



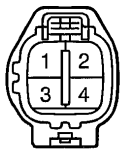
H15
GRAY



H16
BROWN



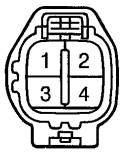
H17
(1AZ-FSE) BLACK



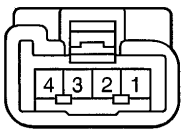
H17
(1ZZ-FE, 3ZZ-FE) DARK GRAY



H18
(1AZ-FSE) BLACK



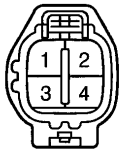
H18
(1ZZ-FE, 3ZZ-FE) GRAY



H19
(1AZ-FSE, 1ZZ-FE A/T) DARK GRAY



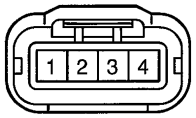
H19
(1ZZ-FE M/T) BLACK



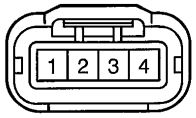
H20
DARK GRAY



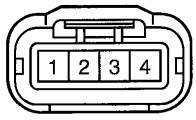
I2
(1AZ-FSE, 3S-FE) GRAY



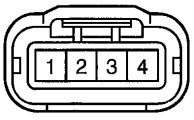
I2
(1ZZ-FE, 3ZZ-FE) BLACK



I3
(1AZ-FSE) BROWN



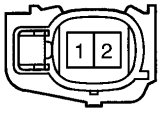
I3
(1ZZ-FE, 3ZZ-FE, 3S-FE) BLACK



I7
(1AZ-FSE) BLACK



I7
(1ZZ-FE, 3ZZ-FE) GRAY



I7
(3S-FE) BROWN



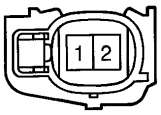
I7
(1CD-FTV)



I8
(1AZ-FSE) GRAY



I8
(1ZZ-FE, 3ZZ-FE) GRAY



I8
(3S-FE) GRAY



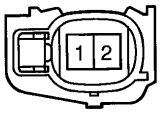
I8
(1CD-FTV)



I9
(1AZ-FSE) BLACK



I9
(1ZZ-FE, 3ZZ-FE) GRAY



I9
(3S-FE) BROWN



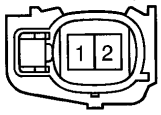
I9
(1CD-FTV)



I10
(1AZ-FSE) GRAY



I10
(1ZZ-FE, 3ZZ-FE) GRAY



I10
(3S-FE) GRAY



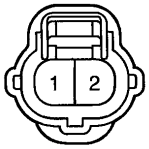
I10
(1CD-FTV)



I11
(1AZ-FSE, 3S-FE) BLACK



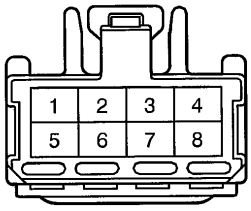
I11
(1CD-FTV) DARK GRAY



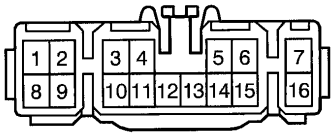
I12
GRAY



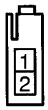
I13



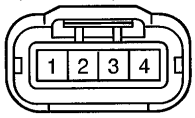
I14
GRAY



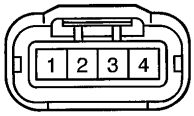
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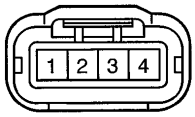
I16
(1AZ-FSE) GRAY



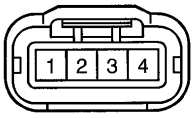
I16
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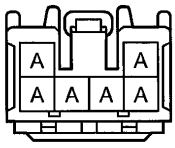
I17
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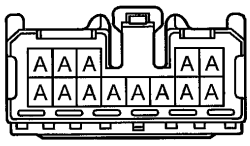
I17
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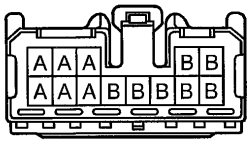
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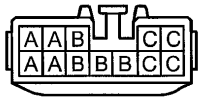
J2



J3
GRAY



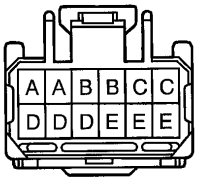
J5
GRAY



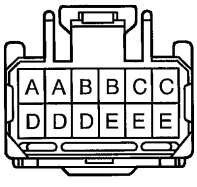
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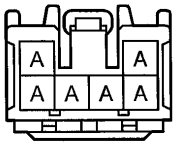
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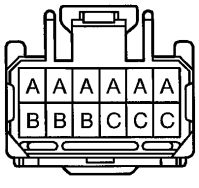
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J9

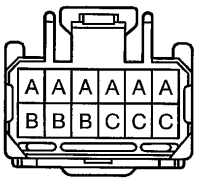


J10
GRAY

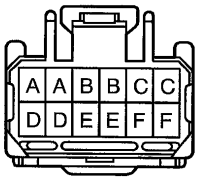


F CONNECTOR LIST

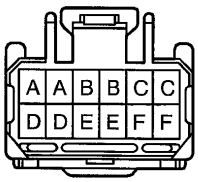
J11
GRAY



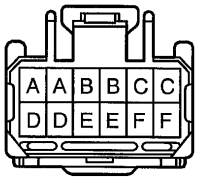
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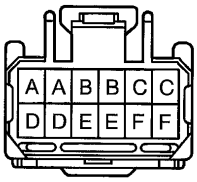
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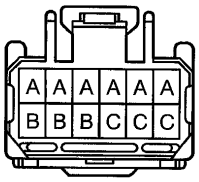
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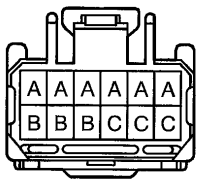
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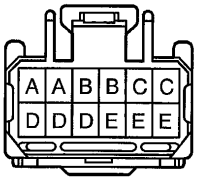
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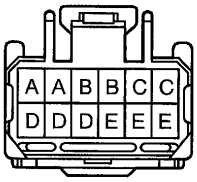
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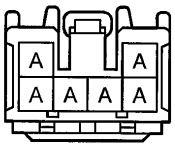
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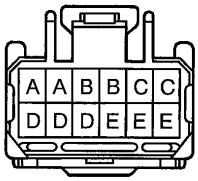
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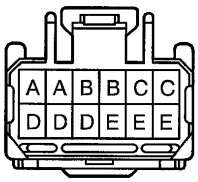
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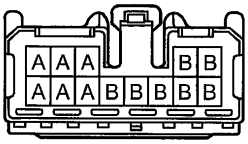
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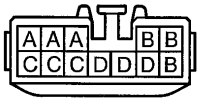
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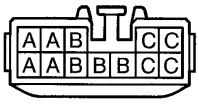
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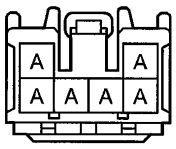
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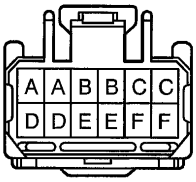
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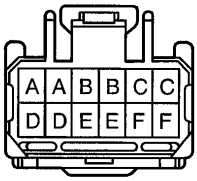
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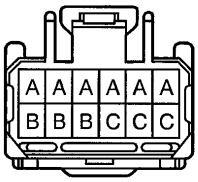
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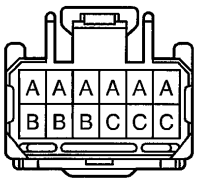
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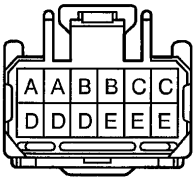
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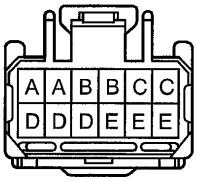
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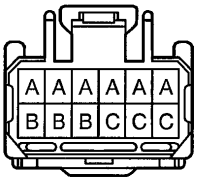
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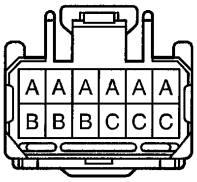
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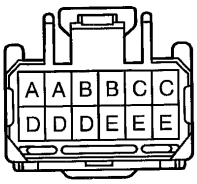
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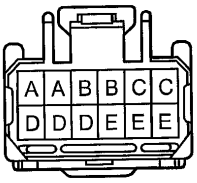
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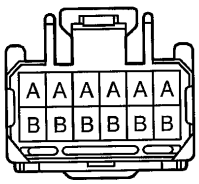
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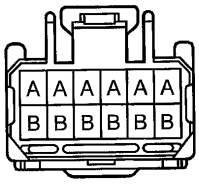
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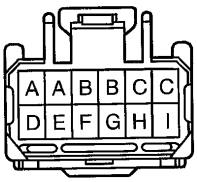
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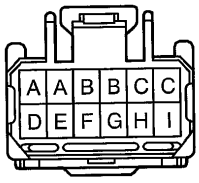
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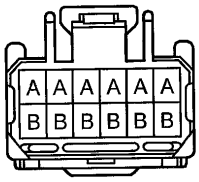
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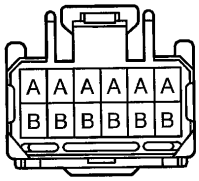
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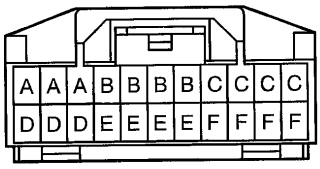
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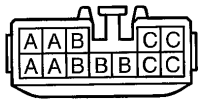
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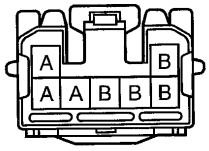
J44



J45



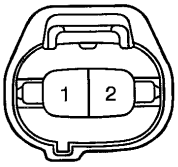
J46



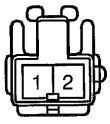
K1
DARK GRAY



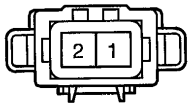
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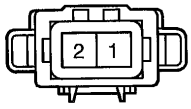
K3
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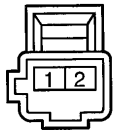
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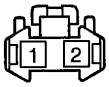
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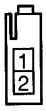
L4
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L5
(S/D)



L5
(L/B)



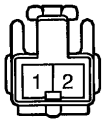
L5
(W/G)



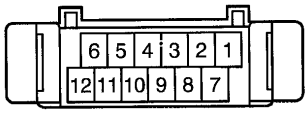
L6
(S/D, L/B) GRAY



L6
(W/G)



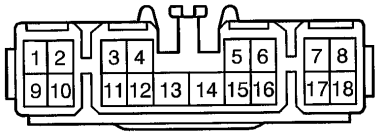
M1
BLACK



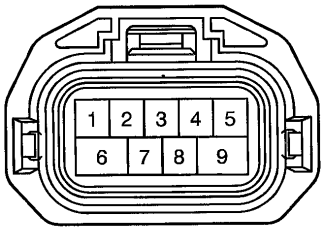
M2



M4
GRAY



N1
GRAY

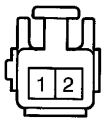


N2
(1AZ-FSE, 1ZZ-FE, 3ZZ-FE) GRAY



F CONNECTOR LIST

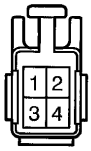
N2
(3S-FE)



O1
GRAY



O2



O3
GRAY



P1
BLACK



P2
BLACK



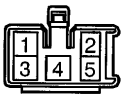
P3
GRAY



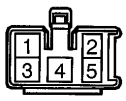
P4
BLACK



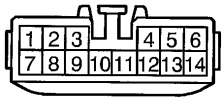
P5
BLACK



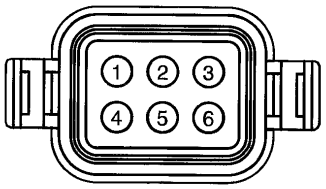
P6
BLACK



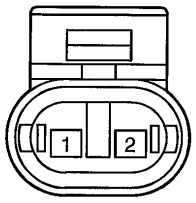
P7



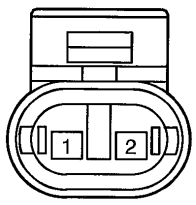
P8
GRAY



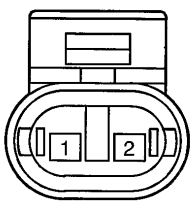
P9
BLACK



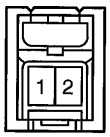
P10
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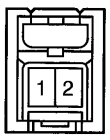
P11
BLACK



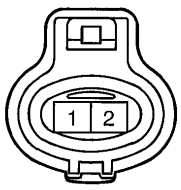
P12
YELLOW



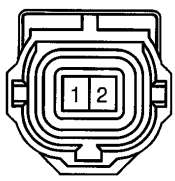
P13
YELLOW



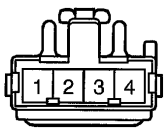
R1
BLACK



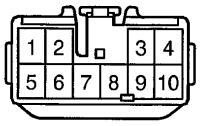
R2
RED



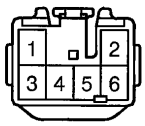
R3



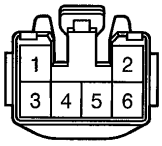
R4



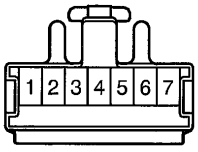
R5



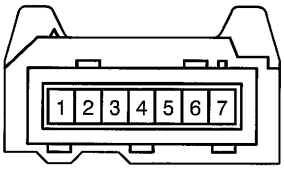
R6
DARK GRAY



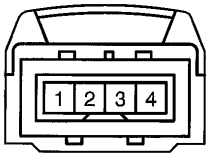
R7
BLACK



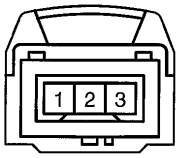
R8
(S/D, L/B) BLACK



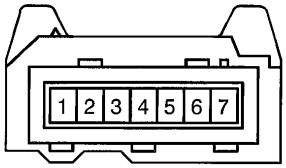
R8
(W/G) BLACK



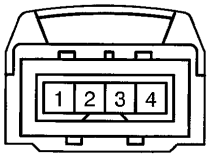
R9
BLACK



R10
(S/D, L/B) BLACK



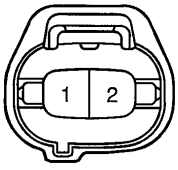
R10
(W/G) BLACK



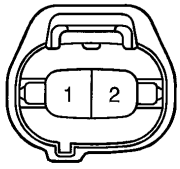
R11
BLACK



R12
BLACK



R13
BLACK



R14
(S/D)



R14
(L/B) BLACK



R14
(W/G)



R15
(S/D) BLACK



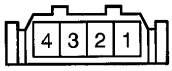
R15
(L/B) BLACK



R15
(W/G)



R16
BLACK



R17
(w/ Mirror Heater)



R17
(w/o Mirror Heater)



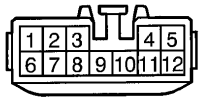
R18
(w/ Mirror Heater)



R18
(w/o Mirror Heater)



R19



S1



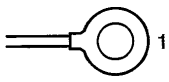
S2



S3
BLACK



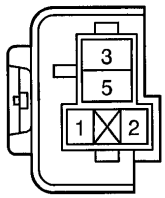
S5



S6
BLACK



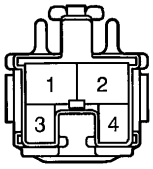
S7



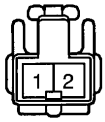
S10



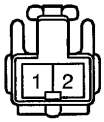
S11
BLACK



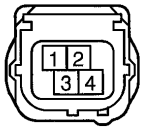
S12
BLUE



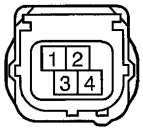
S13



S14
YELLOW



S15
YELLOW



S16
YELLOW



S17
YELLOW



S18
BROWN



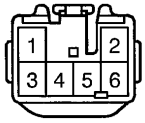
S19
BLACK



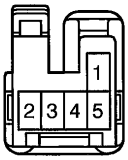
S20
GRAY



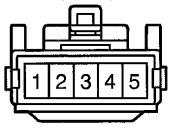
S21
BLUE



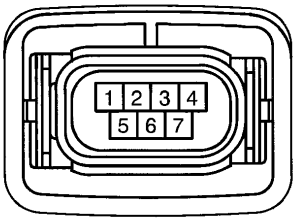
S22
(LHD)



S22
(RHD)



S23
BLACK



T1
GRAY



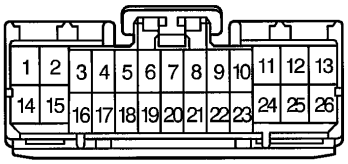
T2
BLACK



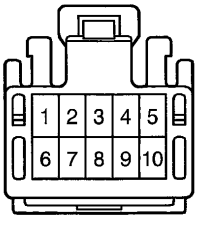
T4
BLACK



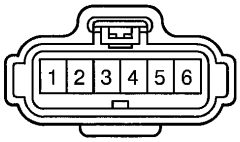
T5
DARK GRAY



T6

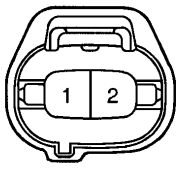


T7
BLACK

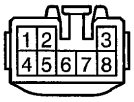


F CONNECTOR LIST

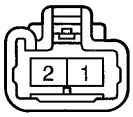
T8
BLACK



T9
BLACK



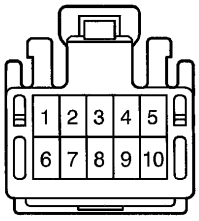
T10



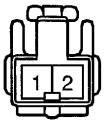
T11



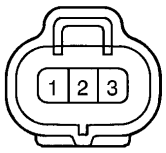
T12



U1
BLACK



V1
BLACK



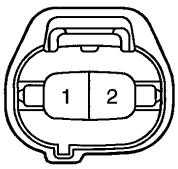
V2
BLACK



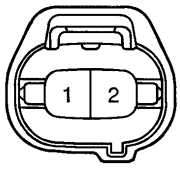
V3
BROWN



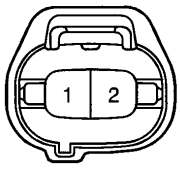
V5
BLUE



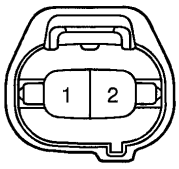
V10
(1CD-FTV) BROWN



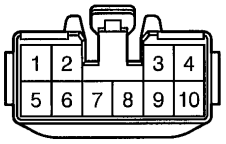
V11
BLACK



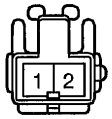
V12
BROWN



V13
BLACK



V14
BLACK



W2
(1AZ-FSE) GRAY



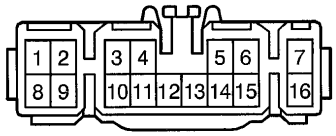
W2
(Except 1AZ-FSE) DARK GRAY



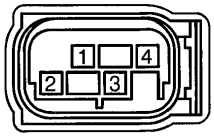
W3



W4



Y1
BLACK



H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A 1	A/C Ambient Temp. Sensor	90980-11070
A 2	A/C Condenser Fan Motor (3S-FE)	90980-11237
	A/C Condenser Fan Motor (Except 3S-FE)	90980-10928
A 4	A/C Magnetic Clutch and Lock Sensor (1AZ-FSE, 1ZZ-FE, 3ZZ-FE)	90980-11016
A 4	A/C Magnetic Clutch and Lock Sensor (3S-FE, 1CD-FTV)	90980-10942
A 5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	90980-10943
A 6	ABS ECU with Actuator	90080-98191
A 7	ABS Speed Sensor Front LH	90980-11155
A 8	ABS Speed Sensor Front RH	
A10	Alternator	90980-09212
A11	Alternator (1AZ-FSE, 3S-FE)	90980-11349
	Alternator (1ZZ-FE, 3ZZ-FE, 1CD-FTV)	90980-11964
A12	Ambient Temp. Sensor	90080-98138
A14	A/C Amplifier	90980-11915
A15	A/C Amplifier	90980-11913
A16	A/C Evaporator Temp. Sensor	90980-10825
A17	A/C Room Temp. Sensor	
A18	A/C Solar Sensor	90980-11369
A20	Accelerator Pedal Position Sensor (1AZ-FSE)	90980-11144
	Accelerator Pedal Position Sensor (1CD-FTV)	90980-11232
A21	Accelerator Position SW	90980-10825
A22	Air Mix Control Servo Motor	90980-11165
A23	Airbag Squib (Front Passenger Airbag Assembly)	90080-98054
A24	Airbag Squib (Steering Wheel Pad)	90980-10850
A25	Ashtray Illumination	81945-33010
A26	ABS Speed Sensor Rear LH	90980-11060
A27	ABS Speed Sensor Rear RH	
A28	Air Flow Meter	90980-11317
A29	ABS &BA &TRC &VSC ECU with Actuator	90080-98239
A30	Air Vent Mode Control Servo Motor	90980-11909
A31	Air Inlet Control Servo Motor	90980-11165
B 1	Back-Up Light SW (1AZ-FSE, 3S-FE, 1CD-FTV)	90980-11250
	Back-Up Light SW (1ZZ-FE, 3ZZ-FE)	90980-11051
B 2	Brake Fluid Level Warning SW	90980-11156
B 3	Brake Vacuum Warning SW	90980-11252
B 4	Blower Controller	90980-11136
B 5	Blower Motor	90980-10214
B 8	Back Door Lock Motor	90080-98120
C 1	Camshaft Position Sensor	90980-10947

Code	Part Name	Part Number
C 3	Crankshaft Position Sensor (3S-FE, 1AZ-FSE, 1ZZ-FE, 3ZZ-FE)	90980-10947
	Crankshaft Position Sensor (1CD-FTV)	90980-12028
C 4	Center Airbag Sensor Assembly	90980-11867
C 5	Center Airbag Sensor Assembly	90980-11872
C 6	Center Airbag Sensor Assembly	90980-11869
C 7	Cigarette Lighter	90080-98182
C 8	Cigarette Lighter Illumination	90080-98112
C 9	Circuit Opening Relay	82660-05020
C10	Combination Meter	90080-98111
C11	Combination Meter	90080-98109
C12	Combination SW	90980-11672
C13	Combination SW	90980-11594
C14	Combustion Type Power Heater	90980-10897
C15	Curtain Airbag Squib LH	90980-11864
C16	Curtain Airbag Squib RH	
C17	Camshaft Timing Oil Control Valve (1AZ-FSE)	90980-11162
	Camshaft Timing Oil Control Valve (1ZZ-FE, 3ZZ-FE)	90980-10598
C18	Counter Gear Speed Sensor	90980-11156
C19	Combination SW	90980-11616
D 1	Daytime Running Light Relay	90980-10807
D 2	Defogger Relay	82660-05020
D 3	Deicer SW or Short Connector (Deicer SW)	90980-10996
D 6	Diode (Idle-Up)	90980-10962
D 8	DLC3	90980-11665
D 9	Diode (Luggage Room Light)	90980-10962
D10	Door Courtesy SW Front LH	90980-10871
D11	Door Courtesy SW Front RH	
D12	Door Courtesy SW Rear LH	
D13	Door Courtesy SW Rear RH	
D14	Door Lock Motor Rear LH	90980-11150
D15	Door Lock Motor Rear RH	
D16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	90980-11144
D17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	
D18	Diesel Throttle Control Motor	
D19	Diesel Throttle Position Sensor	90980-11038
D21	Diode (Luggage Room Light)	90980-10962
D22	Double Lock Door Control Relay	90980-11877
D23	Door Lock Motor and SW Front LH	90980-11001
D24	Door Lock Motor and SW Front RH	90980-11537

Note: Not all of the above part numbers of the connector are established for the supply.

Nota: Toutes les références du connecteur ne sont pas définies pour la fourniture.

Code	Part Name	Part Number
D25	Door Lock Motor and SW Rear LH	90980-11001
D26	Door Lock Motor and SW Rear RH	
E 1	ECT Solenoid (1AZ-FSE)	90980-11658
	ECT Solenoid (1ZZ-FE)	90980-10854
	ECT Solenoid (3S-FE)	90980-11143
E 2	Engine Hood Courtesy SW	90980-10474
E 3	Engine Oil Level Sensor	90980-10532
E 5	ECT Pattern Select SW (3S-FE General)	90980-10601
	ECT Pattern Select SW (Except 3S-FE General)	90980-10933
E 6	Engine ECU (M/T) or Engine and ECT ECU (A/T) (3S-FE)	90980-11392
	Engine ECU (M/T) or Engine and ECT ECU (A/T) (1CD-FTV)	90980-11637
E 7	Engine ECU (M/T) or Engine and ECT ECU (A/T) (3S-FE)	90980-11390
	Engine ECU (M/T) or Engine and ECT ECU (A/T) (1CD-FTV)	90980-11421
E 8	Engine ECU (M/T) or Engine and ECT ECU (A/T) (3S-FE)	90980-11391
	Engine ECU (M/T) or Engine and ECT ECU (A/T) (1CD-FTV)	90980-11476
E 9	Engine ECU	90980-11638
E10	Electronic Driver Unit	90980-11024
E11	Electronic Driver Unit	90980-11592
E12	EBD Resistor	90980-11608
E13	Engine ECU (M/T) or Engine and ECT ECU (A/T)	90980-11638
E14	Engine ECU (M/T) or Engine and ECT ECU (A/T)	90980-11637
E15	Engine ECU (M/T) or Engine and ECT ECU (A/T)	90980-11586
E16	Engine ECU (M/T) or Engine and ECT ECU (A/T)	90980-11476
E17	Engine ECU (M/T) or Engine and ECT ECU (A/T)	90980-11421
E18	Engine and ECT ECU (1ZZ-FE A/T)	
	Engine ECU (1ZZ-FE M/T, 3ZZ-FE)	90980-11390
E19	Engine and ECT ECU (1ZZ-FE A/T)	90980-11476
	Engine ECU (1ZZ-FE M/T, 3ZZ-FE)	90980-11391
E20	Engine and ECT ECU (1ZZ-FE A/T)	90980-11637
	Engine ECU (1ZZ-FE M/T, 3ZZ-FE)	90980-11392
E21	Engine and ECT ECU	90980-11638
F 1	Front Airbag Sensor LH	90980-11856
F 2	Front Airbag Sensor RH	
F 3	Front Fog Light LH	90080-98001
F 4	Front Fog Light RH	
F 5	Front Side Turn Signal Light LH	90080-98138
F 6	Front Side Turn Signal Light RH	

Code	Part Name	Part Number
F 7	Front Turn Signal Light LH	90080-98001
F 8	Front Turn Signal Light RH	
F 9	Front Washer Motor	90080-98117
F10	Front Window Deicer	90980-11155
F11	Front Wiper Motor	90980-11599
F12	Fuel Heater	90980-10928
F13	Fuel Sedimentary SW	90980-11003
F14	Fuel Temp. Sensor	90980-10737
F15	Fusible Link Block	82620-05020
F16	Fusible Link Block	
F17	Fusible Link Block	90980-10903
F18	Fusible Link Block	82620-05020
F19	Fusible Link Block	
F20	Fusible Link Block	
F21	Front Fog Light Relay	82660-05020
F22	Fuel Control Connector	90980-10870
F23	Fuel Control Connector	90980-10871
F24	Fuse Box	82610-05020
F25	Front Door Speaker LH	90980-11156
F26	Front Door Speaker RH	
F27	Fuel Sender and Fuel Pump	90980-11077
F28	Fuel Pressure Sensor (1AZ-FSE)	90980-11451
	Fuel Pressure Sensor (1CD-FTV)	90980-10845
F29	Fuel Pump	90980-98001
F30	Fuse Box	82610-05020
G 1	Glow Plug (Engine)	99141-13006
G 3	Glove Box Light	81945-33010
G 4	Glove Box Light SW	90980-11098
G 5	Glass Breakage Sensor ECU	-
G 6	Glass Breakage Sensor Microphone	90980-11368
G 7	Glow Plug (Power Heater)	99141-13006
G 8	Glow Plug (Power Heater)	
G 9	Glow Plug (Power Heater)	
H 2	Headlight and Front Clearance Light LH	90080-98140
H 3	Headlight and Front Clearance Light RH	
H 4	Headlight Beam Level Control Actuator LH	90980-11349
H 5	Headlight Beam Level Control Actuator RH	
H 6	Headlight Cleaner Motor	90080-98116
H 7	Headlight Cleaner Relay	90980-10939
H 8	Heated Oxygen Sensor	90980-11028
H 9	Horn LH	90980-10619
H10	Horn RH	
H11	Hazard SW	90980-10801
H12	Headlight Beam Level Control SW	90980-10789

Nota : No todos los números de las partes del conector indicados arriba están dispuestos para el suministro.

Anmerkung: Nicht alle der obenerwähnten Teile-Nummern der Stecker werden für die Lieferung etabliert.

H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
H13	Headlight Cleaner SW	90980-10601
H15	High Mounted Stop Light	90080-98002
H16	Heater SW	90980-10996
H17	Heated Oxygen Sensor (Bank 1 Sensor 1) (1AZ-FSE)	90980-11028
	Heated Oxygen Sensor (Bank 1 Sensor 1) (1ZZ-FE, 3ZZ-FE)	90980-10869
H18	Heated Oxygen Sensor (Bank 1 Sensor 2) (1AZ-FSE)	90980-11028
	Heated Oxygen Sensor (Bank 1 Sensor 2) (1ZZ-FE, 3ZZ-FE)	90980-11012
H19	Heated Oxygen Sensor (Bank 2 Sensor 1)	90980-11028
H20	Heated Oxygen Sensor (Bank 2 Sensor 2)	90980-10869
I 2	Ignition Coil and Igniter No.1	90980-11885
I 3	Ignition Coil and Igniter No.2	
I 7	Injector No.1 (1AZ-FSE)	90980-12117
	Injector No.1 (1ZZ-FE, 3ZZ-FE)	90980-11875
	Injector No.1 (3S-FE)	90980-11153
	Injector No.1 (1CD-FTV)	90980-12005
I 8	Injector No.2 (1AZ-FSE)	90980-12117
	Injector No.2 (1ZZ-FE, 3ZZ-FE)	90980-11875
	Injector No.2 (3S-FE)	90980-11153
	Injector No.2 (1CD-FTV)	90980-12005
I 9	Injector No.3 (1AZ-FSE)	90980-12117
	Injector No.3 (1ZZ-FE, 3ZZ-FE)	90980-11875
	Injector No.3 (3S-FE)	90980-11153
	Injector No.3 (1CD-FTV)	90980-12005
I10	Injector No.4 (1AZ-FSE)	90980-12117
	Injector No.4 (1ZZ-FE, 3ZZ-FE)	90980-11875
	Injector No.4 (3S-FE)	90980-11153
	Injector No.4 (1CD-FTV)	90980-12005
I11	Intake Air Temp. Sensor (1AZ-FSE, 3S-FE)	90980-11163
	Intake Air Temp. Sensor (1CD-FTV)	90980-11025
I12	ISC Valve	90980-11145
I13	Ignition SW	90980-11615
I14	Integration Relay	90980-10848
I15	Interior Light	90980-10121
I16	Ignition Coil and Igniter No.3	90980-11885
I17	Ignition Coil and Igniter No.4	
J 1	Junction Connector	90980-11583
J 2	Junction Connector	90980-11542
J 3	Junction Connector	
J 5	Junction Connector	90980-10803
J 6	Junction Connector	
J 7	Junction Connector	90980-11661
J 8	Junction Connector	

Code	Part Name	Part Number
J 9	Junction Connector	90980-11583
J10	Junction Connector	90980-11661
J11	Junction Connector	
J12	Junction Connector	90980-11661
J13	Junction Connector	
J14	Junction Connector	
J15	Junction Connector	
J16	Junction Connector	
J17	Junction Connector	
J18	Junction Connector	
J19	Junction Connector	
J20	Junction Connector	90980-11583
J21	Junction Connector	90980-11661
J22	Junction Connector	
J24	Junction Connector	90980-11542
J25	Junction Connector	90980-10803
J26	Junction Connector	
J27	Junction Connector	90980-11583
J28	Junction Connector	90980-11661
J29	Junction Connector	
J30	Junction Connector	
J31	Junction Connector	
J32	Junction Connector	
J33	Junction Connector	
J34	Junction Connector	
J35	Junction Connector	
J36	Junction Connector	
J37	Junction Connector	
J38	Junction Connector	
J39	Junction Connector	
J40	Junction Connector	
J41	Junction Connector	
J42	Junction Connector	
J43	Junction Connector	
J44	Junction Connector	90980-11915
J45	Junction Connector	90980-10803
J46	Junction Connector	90980-11529
K 1	Knock Sensor	90980-11166
K 2	Kick Down SW	90980-11156
K 3	Key Interlock Solenoid	90980-10906
L 2	License Plate Light LH	90080-98138
L 3	License Plate Light RH	
L 4	Luggage Compartment Door Lock Motor	90080-98120

Note: Not all of the above part numbers of the connector are established for the supply.

Nota: Toutes les références du connecteur ne sont pas définies pour la fourniture.

Code	Part Name	Part Number
L 5	Luggage Room Light (S/D)	90980-11148
	Luggage Room Light (L/B)	90980-10121
	Luggage Room Light (W/G)	90980-10935
L 6	Luggage Room Light SW (S/D, L/B)	90980-11097
	Luggage Room Light SW (W/G)	90980-10860
M 1	Moon Roof Control Relay and Motor	90080-98107
M 2	Moon Roof Control SW	90980-10367
M 4	Multi Display	90980-10819
N 1	Neutral Start SW	90980-11784
N 2	Noise Filter (Ignition System) (1AZ-FSE, 1ZZ-FE, 3ZZ-FE)	90980-10843
	Noise Filter (Ignition System) (3S-FE)	90980-10825
O 1	Oil Pressure SW	90980-11363
O 2	O/D Main SW	90980-10795
O 3	Oil Pressure Sensor	90980-11020
P 1	Power Steering Oil Pressure SW	90980-11428
P 2	Parking Brake SW	90980-10871
P 3	Personal Light	90980-11148
P 4	Power Window Control SW (Front Passenger Side)	90980-10509
P 5	Power Window Control SW Rear LH	
P 6	Power Window Control SW Rear RH	
P 7	Power Window Master SW	90980-10807
P 8	Power Window Motor (Driver Side)	90080-98135
P 9	Power Window Motor (Front Passenger Side)	90080-98128
P10	Power Window Motor Rear LH	
P11	Power Window Motor Rear RH	
P12	Pretensioner LH	90980-11886
P13	Pretensioner RH	
R 1	Radiator Fan Motor	90980-10928
R 2	Rear Washer Motor	90080-98117
R 3	Radar Sensor	90980-11013
R 4	Radio and Player	90980-10997
R 5	Radio and Player	90980-10996
R 6	Rear Window Defogger SW	90980-10797
R 7	Remote Control Mirror SW	90980-11165
R 8	Rear Combination Light LH (S/D, L/B)	90080-98175
	Rear Combination Light LH (W/G)	90080-98248
R 9	Rear Combination Light LH	90080-98247
R10	Rear Combination Light RH (S/D, L/B)	90080-98175
	Rear Combination Light RH (W/G)	90080-98248
R11	Rear Combination Light RH	90080-98247
R12	Rear Door Speaker LH	90980-11156
R13	Rear Door Speaker RH	

Code	Part Name	Part Number
R14	Rear Window Defogger (S/D)	90980-10786
	Rear Window Defogger (L/B)	90980-10792
	Rear Window Defogger (W/G)	90980-11258
R15	Rear Window Defogger (S/D)	90980-10786
	Rear Window Defogger (L/B)	90980-10792
	Rear Window Defogger (W/G)	90980-11258
R16	Rear Wiper Motor and Relay	90080-98136
R17	Remote Control Mirror LH (w/ Mirror Heater)	90980-11181
	Remote Control Mirror LH (w/o Mirror Heater)	90980-11169
R18	Remote Control Mirror RH (w/ Mirror Heater)	90980-11181
	Remote Control Mirror RH (w/o Mirror Heater)	90980-11169
R19	Radio and Player	90980-10803
S 1	Short Connector	90980-10959
S 2	Short Connector	90980-10947
S 3	Speed Sensor	90980-11143
S 5	Starter (1AZ-FES)	82676-32010
	Starter (Except 1AZ-FSE)	90980-09506
S 6	Starter	90980-11400
S 7	Seat Heater Relay	82660-05020
S10	Status Monitor	90980-11098
S11	Stop Light SW	90980-11118
S12	Seat Heater (Driver's Seat)	90980-10860
S13	Seat Heater (Front Passenger's Seat)	
S14	Side Airbag Sensor LH	90980-11857
S15	Side Airbag Sensor RH	
S16	Side Airbag Squib LH	90980-11864
S17	Side Airbag Squib RH	
S18	Suction Control Valve 1	90980-11285
S19	Suction Control Valve 2	90980-11284
S20	Spill Valve	90980-12117
S21	Seat Heater SW	90980-10996
S22	Shift Lock Control ECU (LHD)	90980-11319
	Shift Lock Control ECU (RHD)	90980-10789
S23	Steering Sensor	90080-98241
T 1	Theft Deterrent Siren	90980-10988
T 2	Throttle Position Sensor	90980-11261
T 4	Turbo Pressure Sensor	90980-10845
T 5	Theft Deterrent ECU	90980-11423
T 6	Transponder Key ECU	90980-11581
T 7	Throttle Control Motor	90980-11858
T 8	Turbine Speed Sensor	90980-11156
T 9	Turn Signal Flasher Relay	90980-10799

Nota : No todos los números de las partes del conector indicados arriba están dispuestos para el suministro.

Anmerkung: Nicht alle der obenerwähnten Teile-Nummern der Stecker werden für die Lieferung etabliert.

H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
T10	Tweeter LH	90980-10915
T11	Tweeter RH	
T12	Transponder Key Amplifier	90980-11581
U 1	Unlock Warning SW	90980-10860
V 1	Vacuum Sensor	90980-10845
V 2	Variable Resistor	90980-10902
V 3	VRV (EGR)	90980-11162
V 5	VSV (EGR)	90980-11156
V10	VSV (Turbo Pressure Sensor)	90980-11149
V11	VSV (EVAP)	90980-11156
V12	VSV (Intake Air Control Valve)	90980-11149
V13	VSC Off SW	90980-10801
V14	VSC Warning Buzzer	90980-10906
W 2	Water Temp. Sensor	90980-10737
W 3	Water Temp. SW	90980-11235
W 4	Wireless Door Lock ECU	90980-10848
Y 1	Yaw Rate Sensor	90080-98249

Code	Part Name	Part Number

Note: Not all of the above part numbers of the connector are established for the supply.

Nota: Toutes les références du connecteur ne sont pas définies pour la fourniture.

Code	Part Name	Part Number

SYSTEM INDEX

SYSTEMS	LOCATION
ABS	20–2
Automatic Air Conditioner	35–2
Back–Up Light	13–2
Charging	1–4
Cigarette Lighter	28–4
Combination Meter	34–2
Door Lock Control	22–3
Double Locking	23–2
ECT (1AZ–FSE)	16–2
ECT (1ZZ–FE)	17–2
ECT (3S–FE)	18–2
Engine Control (3S–FE)	5–4
Engine Control and Engine Immobiliser System (1AZ–FSE)	3–2
Engine Control and Engine Immobiliser System (1CD–FTV)	6–2
Engine Control and Engine Immobiliser System (1ZZ–FE, 3ZZ–FE)	4–2
Engine Immobiliser System (3S–FE)	5–3
Front Fog Light	9–2
Front Window Deicer, Rear Window Defogger and Mirror Heater (LHD)	30–2
Front Wiper and Washer	27–2
Fuel Heater (1CD–FTV)	1–3
Headlight (w/ Daytime Running Light)	7–2
Headlight (w/o Daytime Running Light)	8–2
Headlight Beam Level Control	8–3
Headlight Cleaner	27–4
Horn	32–2
Ignition	2–2
Illumination	15–2
Interior Light	14–2
Light Reminder Buzzer	26–4
Moon Roof	29–2
Multi Display	33–2
Power Heater (Combustion Type)	36–2
Power Heater (Electrical Type)	6–11
Power Source	1~36–1
Power Window	24–2
Radiator Fan and Condenser Fan	35–6
Radio and Player	32–3
Rear Fog Light	9–4
Rear Window Defogger and Mirror Heater (RHD)	31–2
Rear Wiper and Washer	28–2
Remote Control Mirror	29–3
Seat Heater	26–2
Shift Lock	36–3
SRS	21–2
Starting	1–2
Stop Light	12–2
Taillight	13–5
Theft Deterrent	25–2
Turn Signal and Hazard Warning Light (LHD)	10–2
Turn Signal and Hazard Warning Light (RHD)	11–2
VSC	19–2
Wireless Door Lock Control	22–2

INDEX DE SYSTEME

SYSTEMES	EMPLACEMENT
ABS	20-2
Afficheur multifonctions	33-2
Air conditionné automatique	35-2
Allumage	2-2
Allume-cigare	28-4
Autoradio et lecteur de cassettes	32-3
Avertisseur	32-2
Avertisseur sonore de rappel de dispositifs d'éclairage allumés	26-4
Chaffage forcé (type combustion)	36-2
Chaffage forcé (type électrique)	6-11
Charge	1-4
Chauffage de siège	26-2
Combiné de bord	34-2
Commande de condamnation de porte	22-3
Commande de condamnation de porte à commande radio	22-2
Commande de moteur (3S-FE)	5-4
Commande de moteur et système immobilisateur de moteur (1AZ-FSE)	3-2
Commande de moteur et système immobilisateur de moteur (1CD-FTV)	6-2
Commande de moteur et système immobilisateur de moteur (1ZZ-FE, 3ZZ-FE)	4-2
Commande de réglage d'orientation de faisceau de projecteur	8-3
Dissuasion contre le vol	25-2
Double verrouillage	23-2
Dégivreur de glace de pare-brise, désembueur de lunette arrière et résistance électrique de chauffage de rétroviseur (conduite à gauche)	30-2
Démarrage	1-2
Désembueur de glace de lunette arrière et résistance électrique de chauffage de rétroviseur (conduite à droite)	31-2
Eclairage	15-2

SYSTEMES	EMPLACEMENT
ECT (1AZ-FSE)	16-2
ECT (1ZZ-FE)	17-2
ECT (3S-FE)	18-2
Essuie-glace et lave-glace de lunette arrière	28-2
Essuie-glace et lave-glace de pare-brise	27-2
Feux de position arrière	13-5
Feux de recul	13-2
Feux stop	12-2
Lave-projecteur avant	27-4
Lève-glace électrique	24-2
Plafonnier	14-2
Projecteur antibrouillard arrière	9-4
Projecteur antibrouillard avant	9-2
Projecteur avant (avec un système d'éclairage de conduite de jour)	7-2
Projecteur avant (sans système d'éclairage de conduite de jour)	8-2
Réchauffeur de combustible (1CD-FTV)	1-3
Rétroviseur à commande électrique	29-3
Source d'alimentation	1~36-1
SRS	21-2
Système immobilisateur de moteur (3S-FE)	5-3
Toit ouvrant	29-2
Ventilateur de radiateur et ventilateur de condenseur	35-6
Verrouillage de sécurité de changement de vitesses	36-3
Voyant de rappel de feu de changement de direction et de feux de détresse (conduite à droite)	11-2
Voyant de rappel de feu de changement de direction et de feux de détresse (conduite à gauche)	10-2
VSC	19-2

Français English

INDICE DE SISTEMA

SISTEMA	COLOCACIÓN
ABS	20-2
Acondicionador de aire automático	35-2
Alimentación	1~36-1
Arranque	1-2
Bloqueo de cambios	36-3
Bocina	32-2
Calefactor de combustible (1CD-FTV)	1-3
Calefactor de potencia (tipo de combustión)	36-2
Calefactor de potencia (tipo eléctrico)	6-11
Calefactor del asiento	26-2
Carga	1-4
Control de bloqueo de la puerta	22-3
Control de bloqueo de la puerta inalámbrico	22-2
Control del motor (3S-FE)	5-4
Control del motor y sistema inmovilizador del motor (1AZ-FSE)	3-2
Control del motor y sistema inmovilizador del motor (1CD-FTV)	6-2
Control del motor y sistema inmovilizador del motor (1ZZ-FE, 3ZZ-FE)	4-2
Control del nivel del haz del faro	8-3
Desempañador de la ventanilla trasera y calefactor del retrovisor (dirección a la derecha)	31-2
Deshelador de la ventanilla delantera, desempañador de la ventanilla trasera y calefactor del retrovisor (dirección a la izquierda)	30-2
Doble cierre	23-2
ECT (1AZ-FSE)	16-2
ECT (1ZZ-FE)	17-2
ECT (3S-FE)	18-2
Encendedor de cigarrillos	28-4
Encendido	2-2

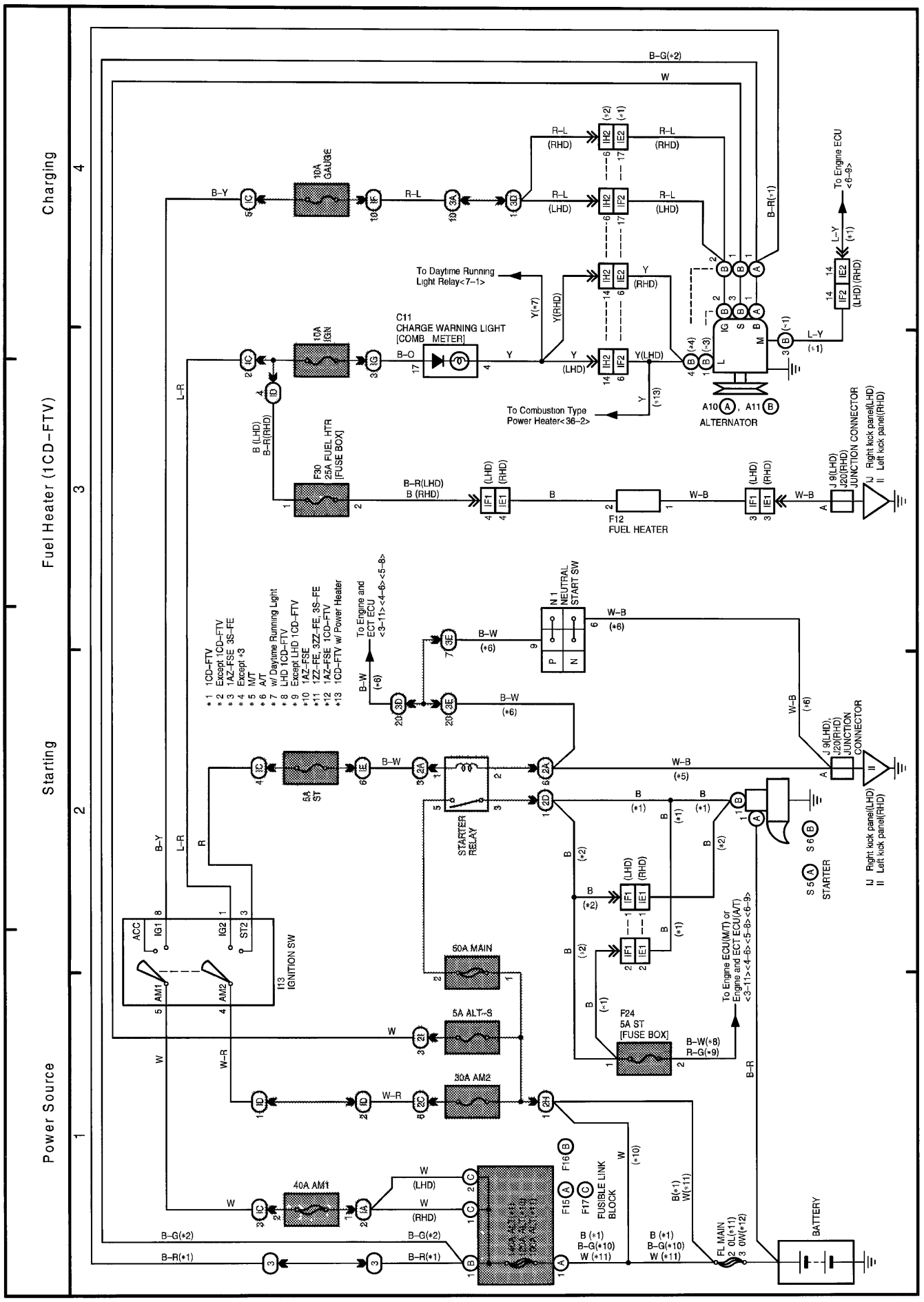
SISTEMA	COLOCACIÓN
Espejo retrovisor de control remoto	29-3
Faro (con luz de marcha diurna)	7-2
Faro (sin luz de marcha diurna)	8-2
Iluminación	15-2
Limpiador del faro	27-4
Limpiador y lavador del parabrisas	27-2
Limpiador y lavador traseros	28-2
Luz antiniebla frontal	9-2
Luz antiniebla trasera	9-4
Luz de cola	13-5
Luz de marcha atrás	13-2
Luz de parada	12-2
Luz interior	14-2
Medidor de combinación	34-2
Radio y reproductor	32-3
Señal de giro y luz de advertencia de peligro (dirección a la derecha)	11-2
Señal de giro y luz de advertencia de peligro (dirección a la izquierda)	10-2
Sistema antirrobo	25-2
Sistema inmovilizador del motor (3S-FE)	5-3
SRS	21-2
Techo lunar	29-2
Ventanilla automática	24-2
Ventilador del radiador y ventilador del condensador	35-6
Visualizador múltiple	33-2
VSC	19-2
Zumbador recordador de las luces	26-4

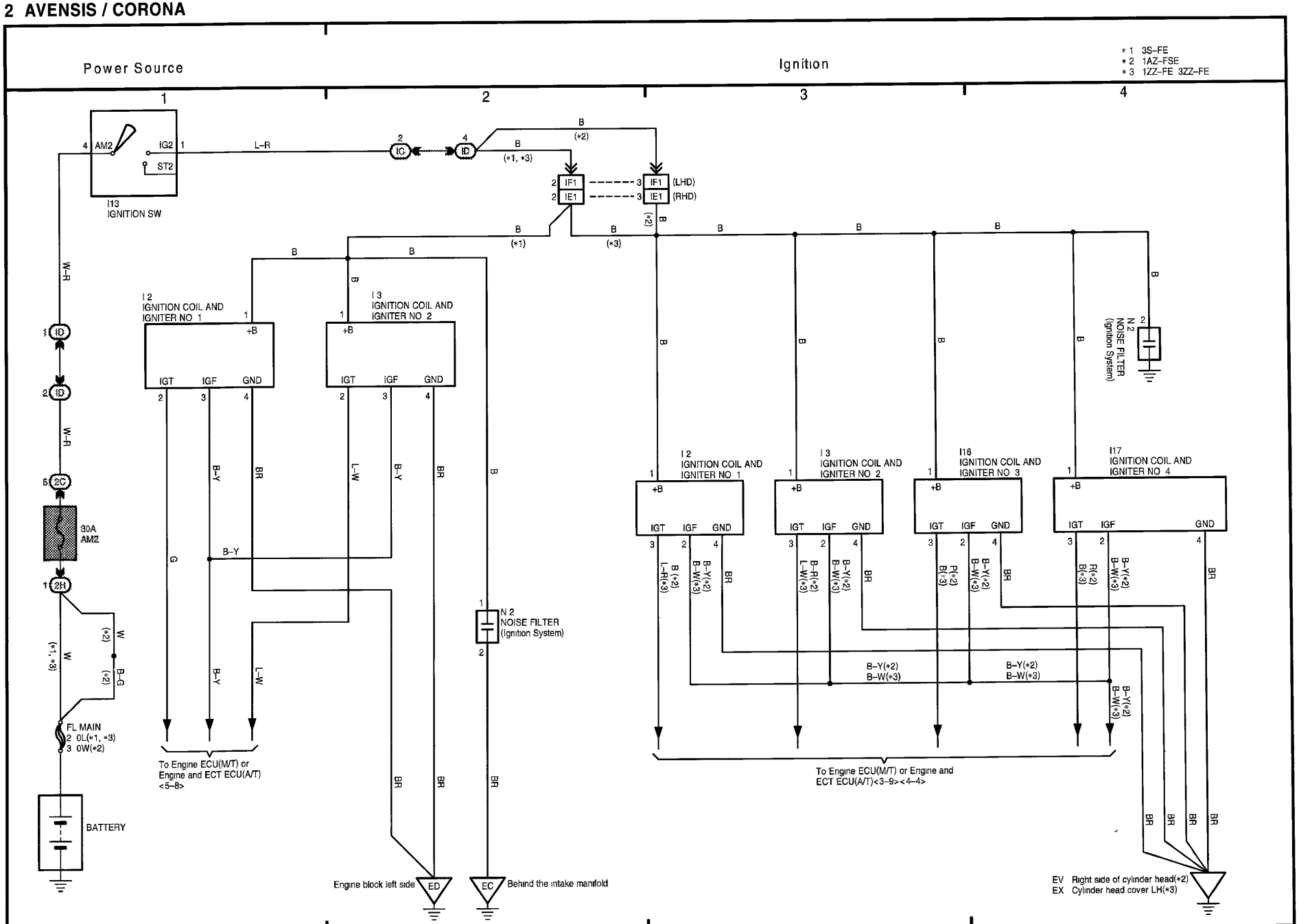
SYSTEMINDEX

SYSTEM	EINBAUSTELLE
ABS	20-2
Anlassen	1-2
automatische Klimaanlage	35-2
Beleuchtung	15-2
Beleuchtungswarnsummer	26-4
Blink- und Warnblinkleuchten (Linkslenker)	10-2
Blink- und Warnblinkleuchten (Rechtslenker)	11-2
Bremsleuchte	12-2
Diebstahlschutz	25-2
Doppelsperre	23-2
ECT (1AZ-FSE)	16-2
ECT (1ZZ-FE)	17-2
ECT (3S-FE)	18-2
elektrisch einstellbarer Außenspiegel	29-3
Fensterheber	24-2
Heckscheiben- und Außenspiegelheizung (Rechtslenker)	31-2
Heckscheibenwischer und -wascher	28-2
Hupe	32-2
Innenleuchte	14-2
Kombiinstrument	34-2
Kraftstoffheizung (1CD-FTV)	1-3
Lüfter und Kondensatorlüfter	35-6
Ladesystem	1-4
Leistungsheizung (Verbrennungstyp)	36-2
Leisutngsheizung (elektrischer Typ)	6-11
Leuchtweitenstellung	8-3
Mehrfachanzeige	33-2

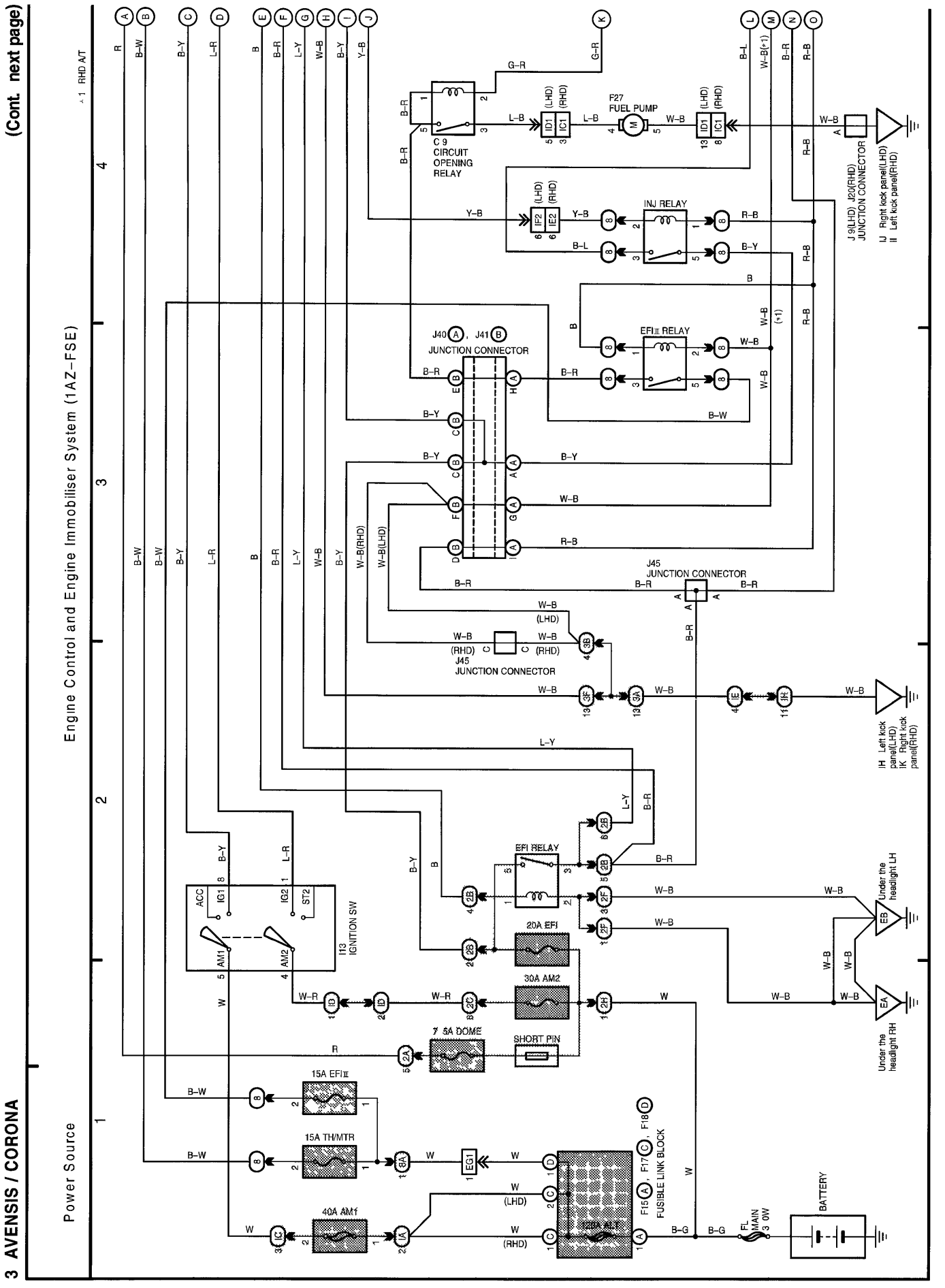
SYSTEM	EINBAUSTELLE
Monddach	29-2
Motorsteuerung (3S-FE)	5-4
Motorsteuerung und Wegfahrsperre (1AZ-FSE)	3-2
Motorsteuerung und Wegfahrsperre (1CD-FTV)	6-2
Motorsteuerung und Wegfahrsperre (1ZZ-FE, 3ZZ-FE)	4-2
Nebelscheinwerfer	9-2
Nebelschlußleuchte	9-4
Rückfahrscheinwerfer	13-2
Radio und Cassettenspieler	32-3
Schaltsperr	36-3
Scheibenwischer und -wascher	27-2
Scheinwerfer (mit Tagesfahrleuchte)	7-2
Scheinwerfer (ohne Tagesfahrleuchte)	8-2
Scheinwerferwascher	27-4
Schlußleuchte	13-5
Sitzheizung	26-2
SRS	21-2
Stromquelle	1~36-1
Türverriegelung	22-3
Türverriegelungsfernbedienung	22-2
VSC	19-2
Wegfahrsperre (3S-FE)	5-3
Windschutzscheibenenteiser und Heckscheiben- und Außenspiegelheizung (Linkslenker)	30-2
Zündung	2-2
Zigarettenanzünder	28-4

I OVERALL ELECTRICAL WIRING DIAGRAM




Power Source
Ignition
*1 3S-FE
*2 1AZ-FSE
*3 1ZZ-FE 3ZZ-FE
1
2
3
4
I13
IGNITION SW
AM2
IG2
ST2
L-R
1C
1D
IF1
IE1
(LHD)
(RHD)
W-R
2D
2C
30A
AM2
2H
FL MAIN
2 0L(*1, *3)
3 0W(*2)
BATTERY
I2
IGNITION COIL AND
IGNITER NO 1
I3
IGNITION COIL AND
IGNITER NO 2
+B
IGT
IGF
GND
B-Y
BR
L-W
G
N2
NOISE FILTER
(Ignition System)
To Engine ECU(M/T) or
Engine and ECT ECU(A/T)
<5-8>
Engine block left side
ED
EC
Behind the intake manifold
I16
IGNITION COIL AND
IGNITER NO 3
I17
IGNITION COIL AND
IGNITER NO 4
B-Y(*2)
B-W(*3)
B-R(*2)
L-W(*3)
R(*2)
B(*3)
To Engine ECU(M/T) or Engine and
ECT ECU(A/T)<3-9><4-4>
EV Right side of cylinder head(*2)
EX Cylinder head cover LH(*3)

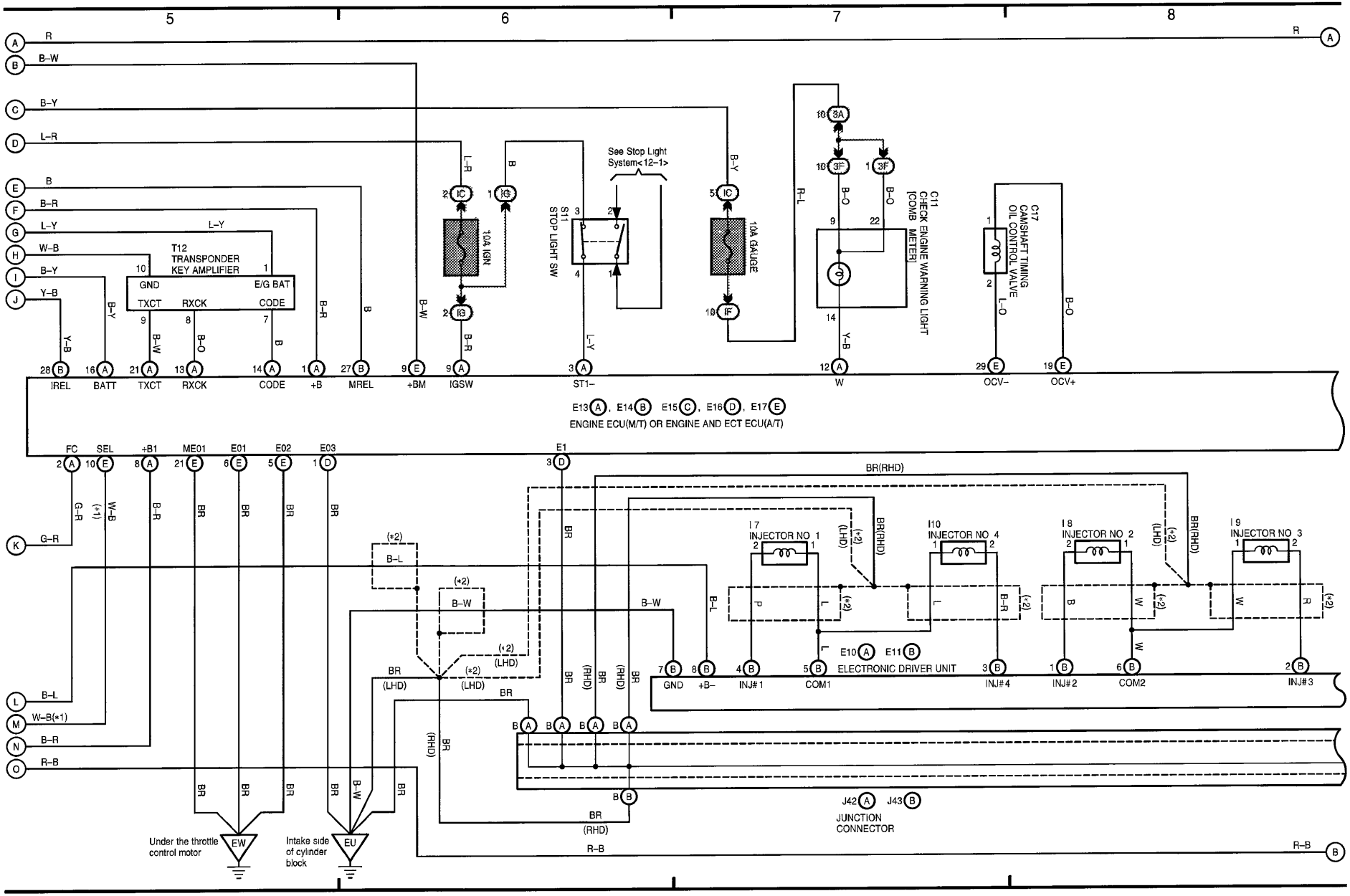
I OVERALL ELECTRICAL WIRING DIAGRAM



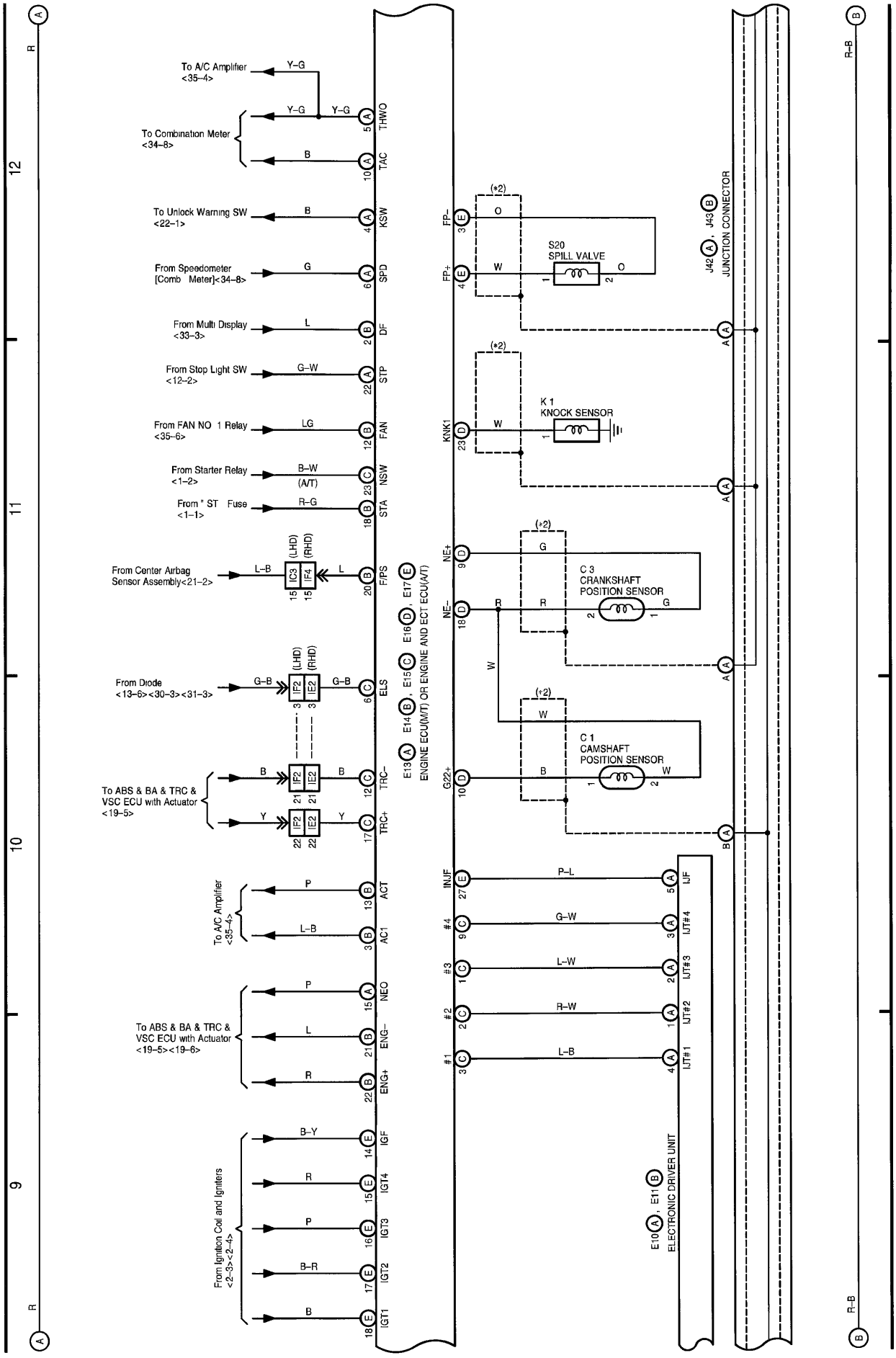
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Engine Control and Engine Immobiliser System (1AZ-FSE)

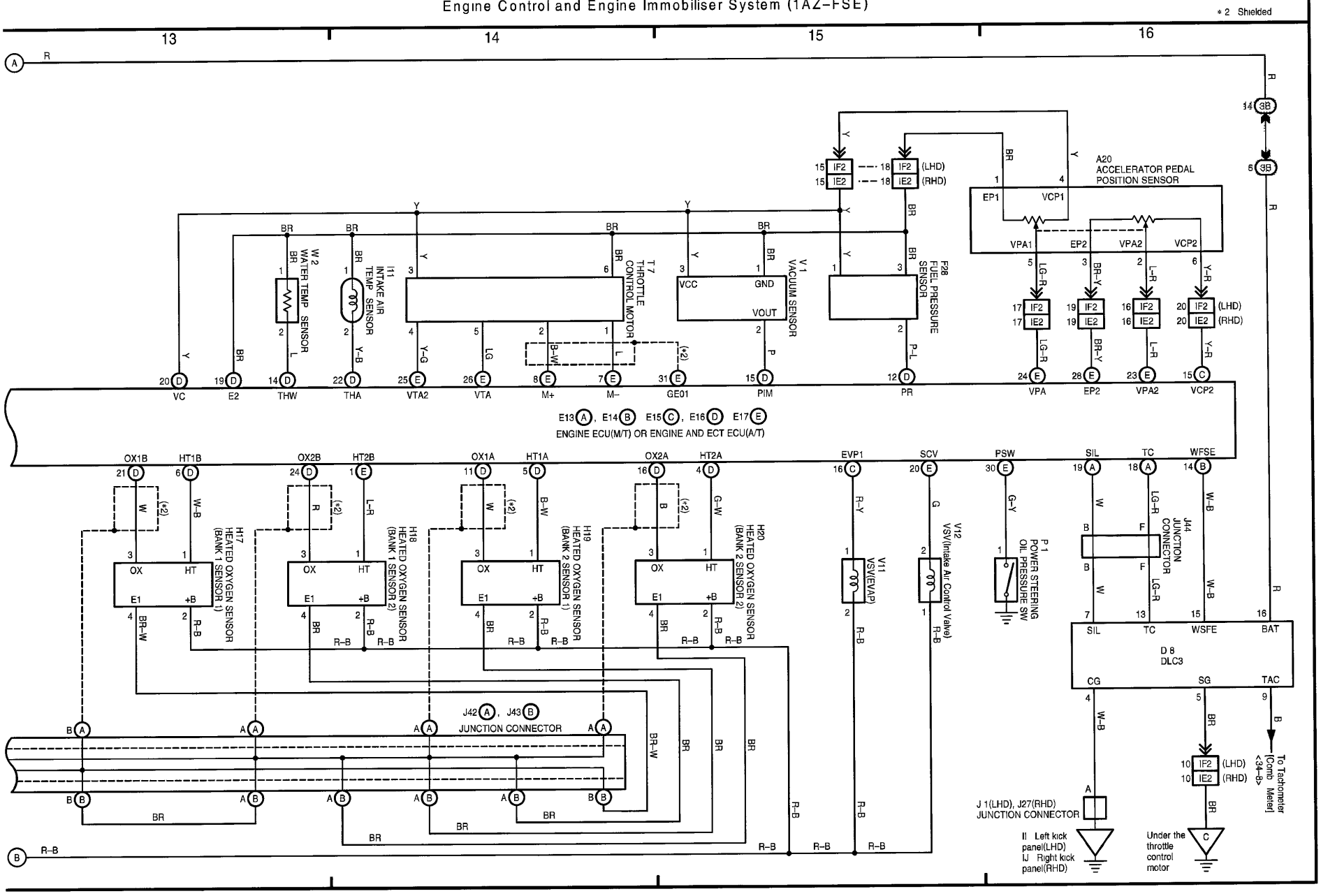
*1 RHD A/T
*2 Shielded



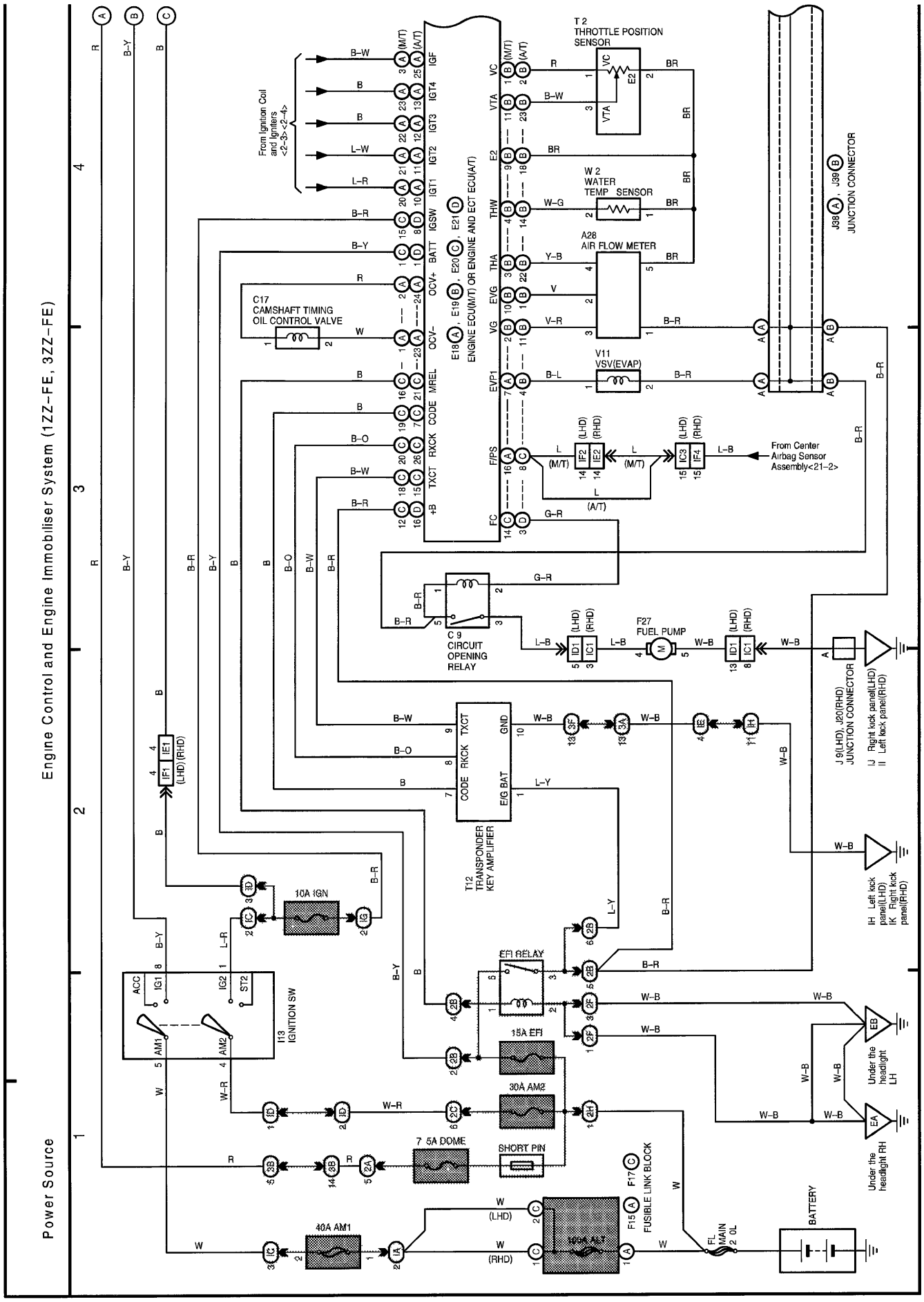
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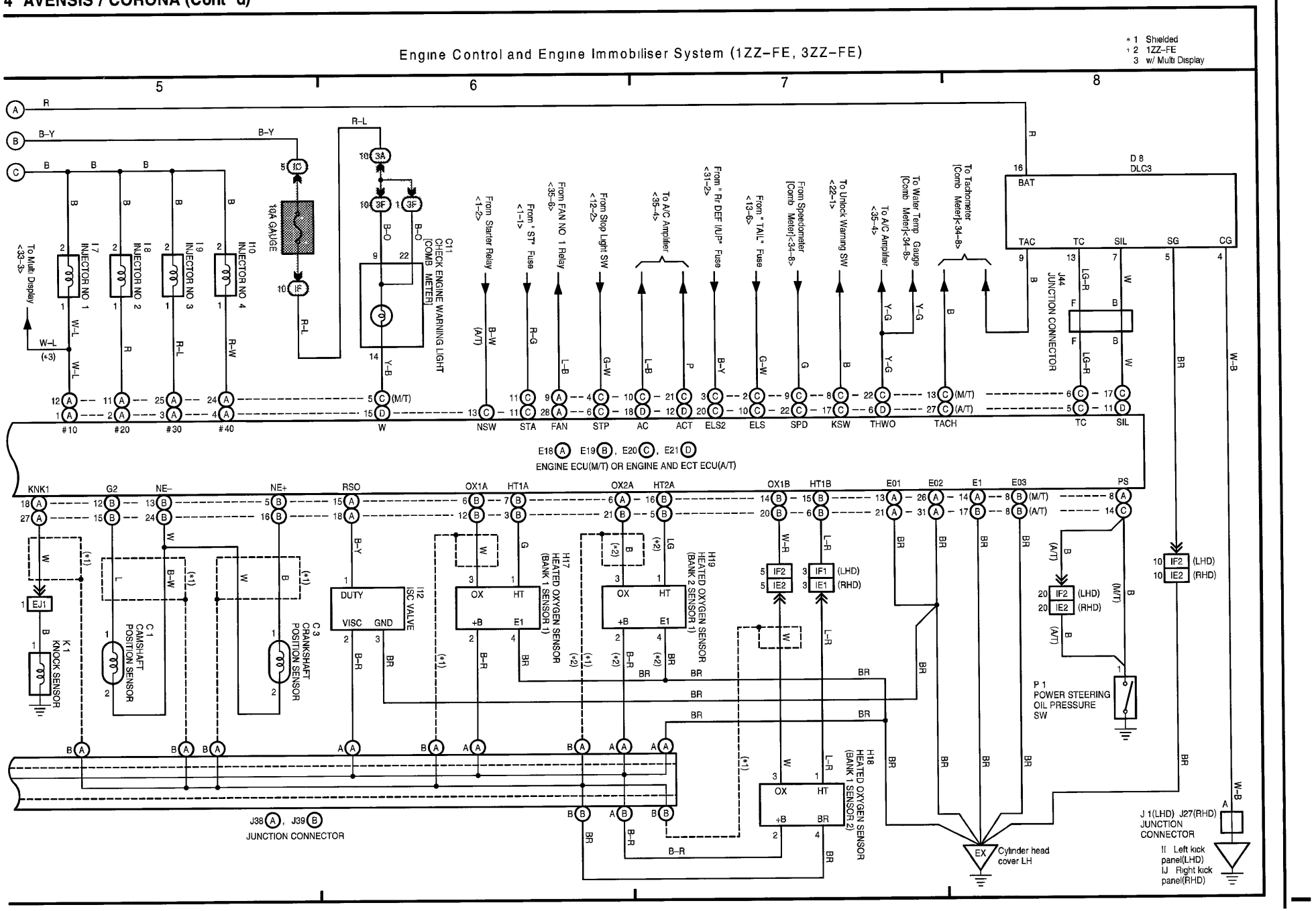


Engine Control and Engine Immobiliser System (1AZ-FSE)

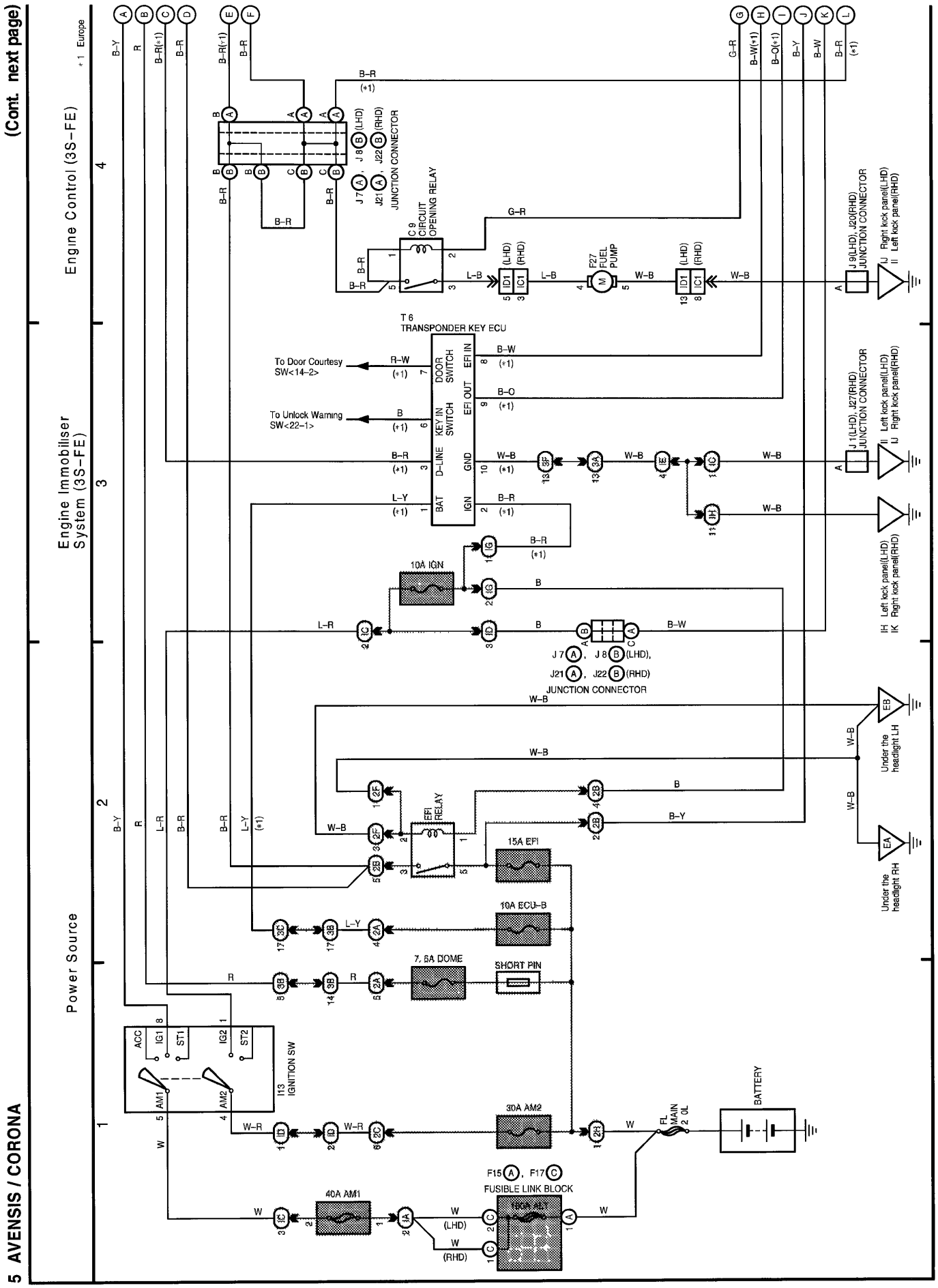


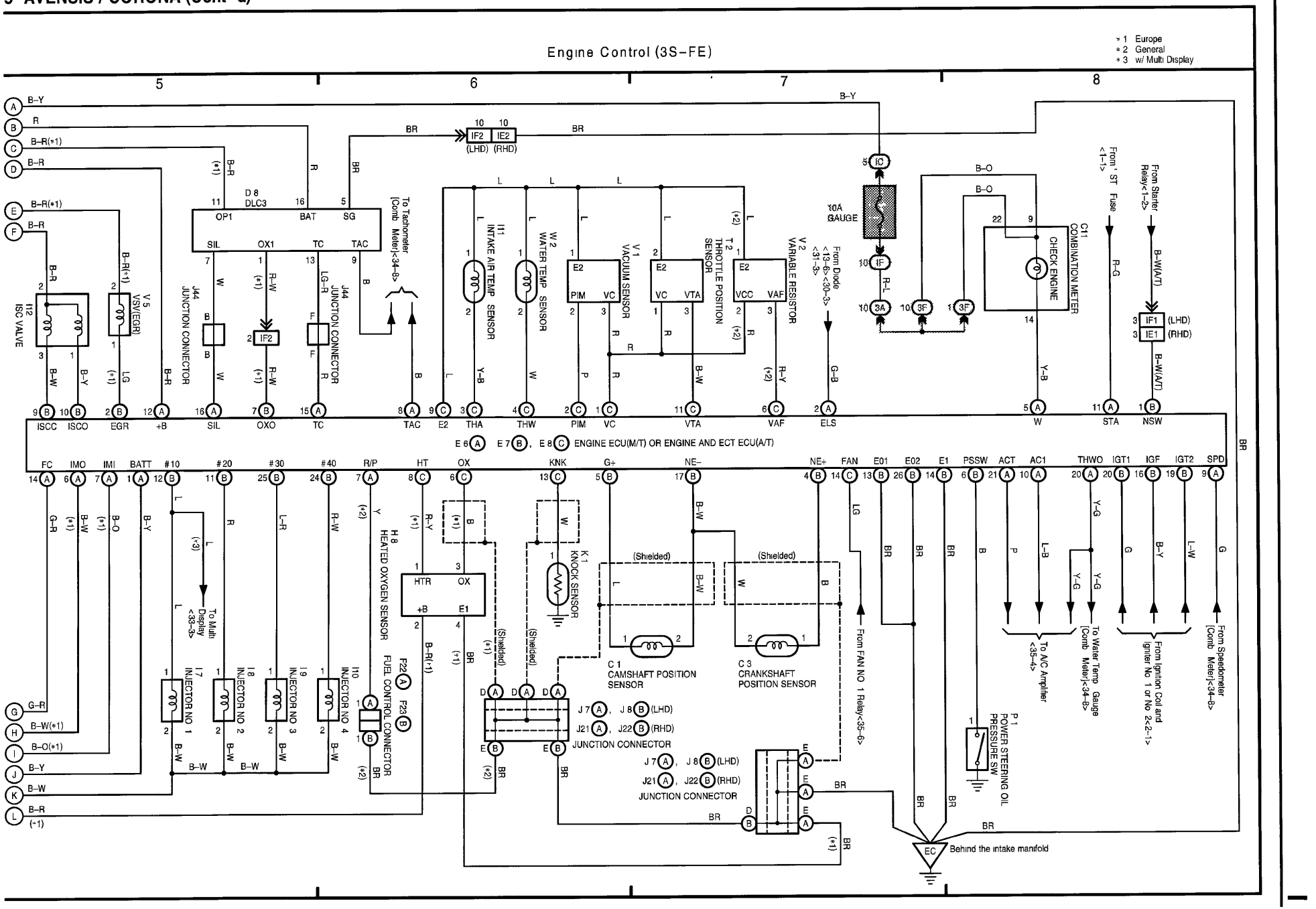
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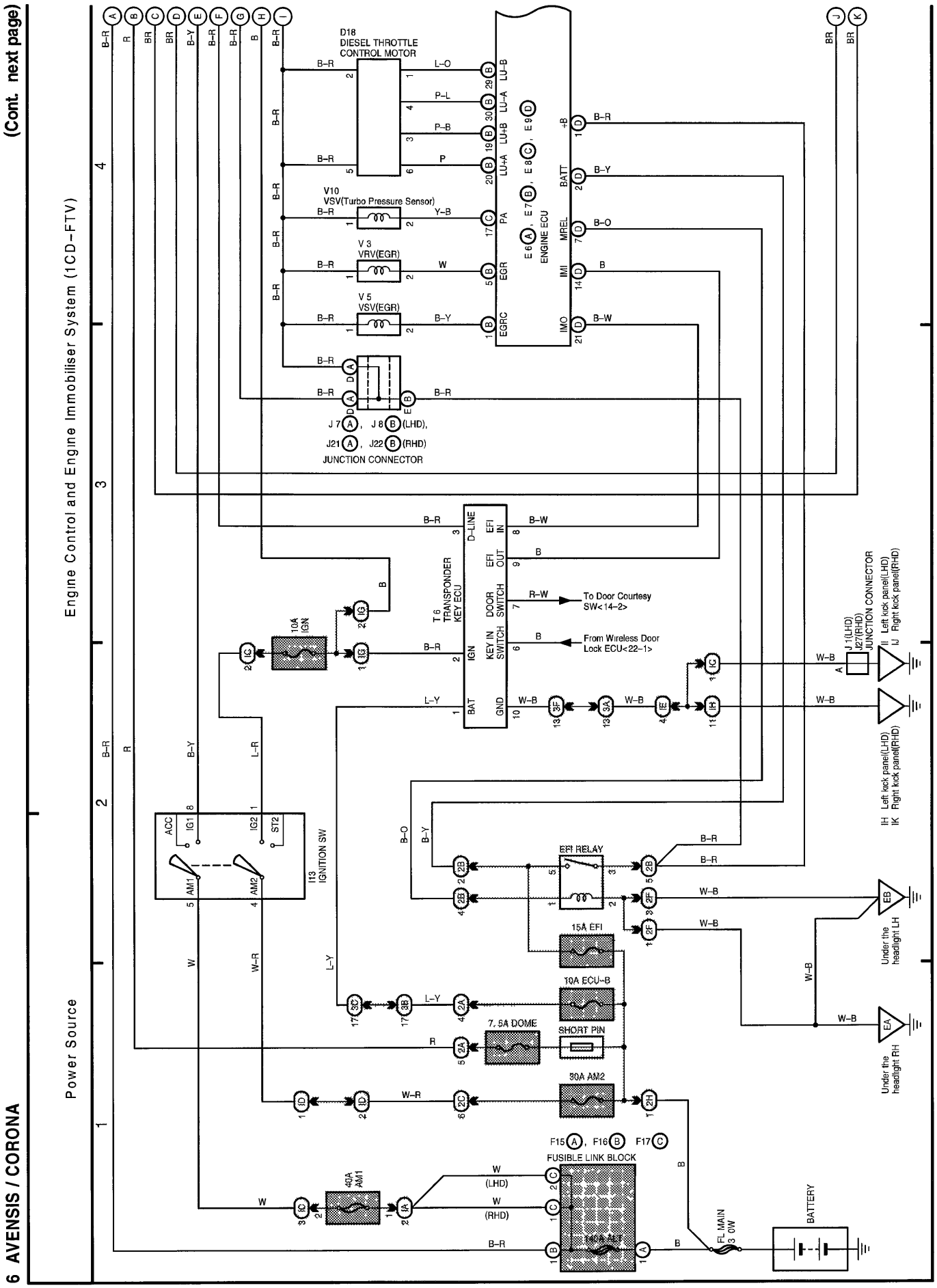



Engine Control and Engine Immobiliser System (1ZZ–FE, 3ZZ–FE)
*1 Shielded
*2 1ZZ–FE
3 w/ Multi Display
5
6
7
8
10A GAUGE
C11 CHECK ENGINE WARNING LIGHT [COMB METER]
I7 INJECTOR NO 1
I8 INJECTOR NO 2
I9 INJECTOR NO 3
I10 INJECTOR NO 4
To Multi Display <33–3>
From Starter Relay <1–2>
From "ST" Fuse <1–1>
From FAN NO 1 Relay <35–6>
From Stop Light SW <12–2>
To A/C Amplifier <35–4>
From "Rr DEF I/UP" Fuse <31–2>
From "TAIL" Fuse <13–6>
From Speedometer [Comb Meter]<34–8>
To Unlock Warning SW <22–1>
To A/C Amplifier <35–4>
To Water Temp Gauge [Comb Meter]<34–8>
To Tachometer [Comb Meter]<34–8>
D 8 DLC3
BAT
TAC
TC
SIL
SG
CG
J44 JUNCTION CONNECTOR
#10
#20
#30
#40
W
NSW
STA
FAN
STP
AC
ACT
ELS2
ELS
SPD
KSW
THWO
TACH
E18 (A) E19 (B), E20 (C), E21 (D)
ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
KNK1
G2
NE–
NE+
RSO
OX1A
HT1A
OX2A
HT2A
OX1B
HT1B
E01
E02
E1
E03
PS
K1 KNOCK SENSOR
C1 CAMSHAFT POSITION SENSOR
C3 CRANKSHAFT POSITION SENSOR
I12 ISC VALVE
DUTY
VISC
GND
H17 HEATED OXYGEN SENSOR (BANK 1 SENSOR 1)
H19 HEATED OXYGEN SENSOR (BANK 2 SENSOR 1)
H18 HEATED OXYGEN SENSOR (BANK 1 SENSOR 2)
OX
HT
+B
E1
BR
P 1 POWER STEERING OIL PRESSURE SW
J38 (A), J39 (B) JUNCTION CONNECTOR
J 1(LHD) J27(RHD) JUNCTION CONNECTOR
EX Cylinder head cover LH
II Left kick panel(LHD)
IJ Right kick panel(RHD)

I OVERALL ELECTRICAL WIRING DIAGRAM

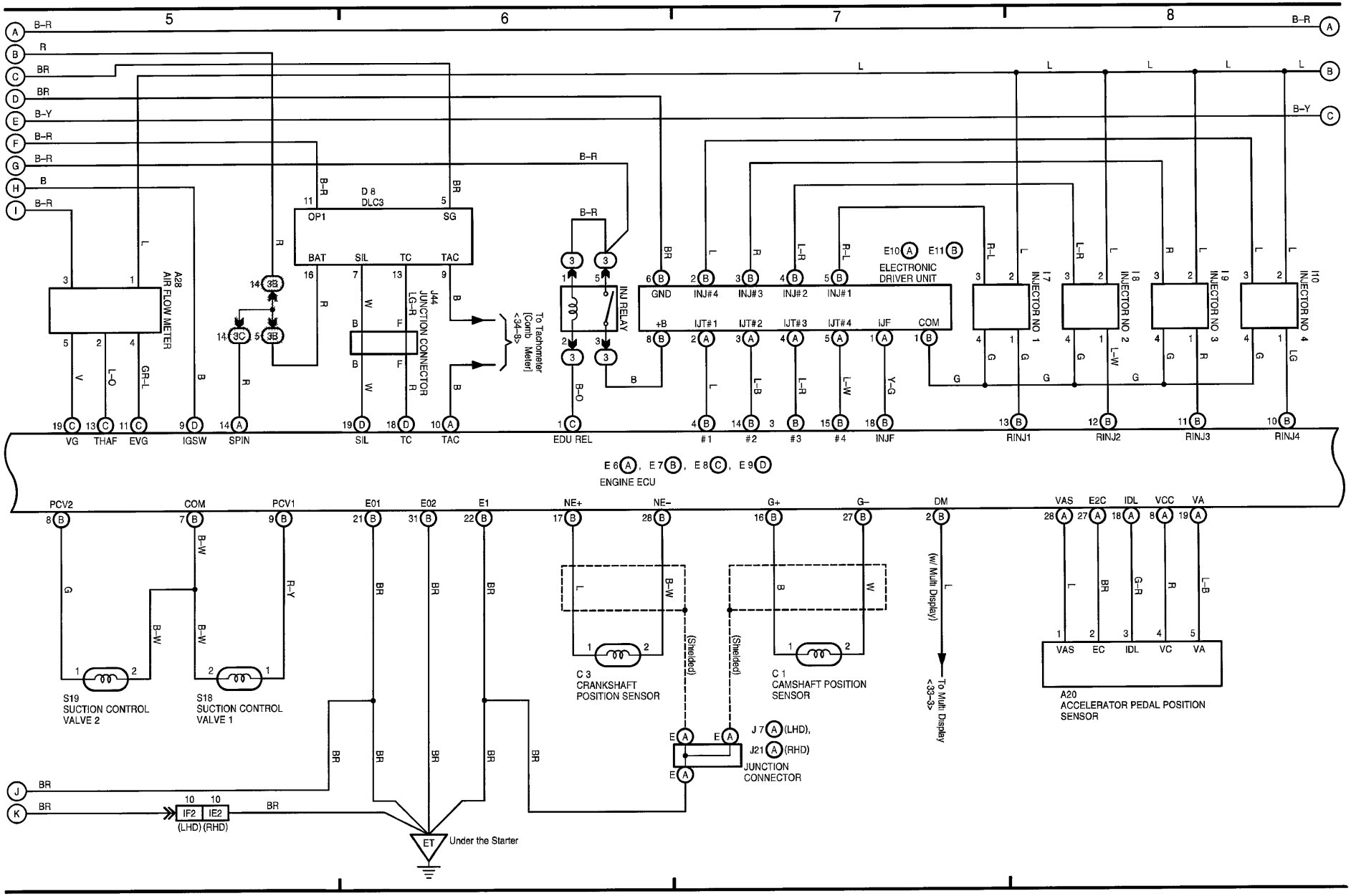



Engine Control (3S-FE)
*1 Europe
*2 General
*3 w/ Multi Display
5
6
7
8
B-Y
R
B-R(*1)
B-R
BR
IF2 IE2
(LHD) (RHD)
D 8 DLC3
OP1 BAT SG
SIL OX1 TC TAC
To Tachometer [Comb Meter]<34-8>
I11 INTAKE AIR TEMP SENSOR
W 2 WATER TEMP SENSOR
V 1 VACUUM SENSOR
T 2 THROTTLE POSITION SENSOR
V 2 VARIABLE RESISTOR
From Diode <13-6><30-3>
10A GAUGE
C11 COMBINATION METER
CHECK ENGINE
From ' ST Fuse <1-1>
From Starter Relay<1-2>
B-W(A/T)
IF1 (LHD)
IE1 (RHD)
I12 ISC VALVE
V 5 VSV(EGR)
J44 JUNCTION CONNECTOR
ISCC ISCO EGR +B SIL OXO TC TAC E2 THA THW PIM VC VTA VAF ELS W STA NSW
E 6 (A), E 7 (B), E 8 (C) ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
FC IMO IMI BATT #10 #20 #30 #40 R/P HT OX KNK G+ NE- NE+ FAN E01 E02 E1 PSSW ACT AC1 THWO IGT1 IGF IGT2 SPD
H 8 HEATED OXYGEN SENSOR
FUEL CONTROL CONNECTOR
K 1 KNOCK SENSOR
(Shielded)
C 1 CAMSHAFT POSITION SENSOR
C 3 CRANKSHAFT POSITION SENSOR
From FAN NO 1 Relay<35-6>
To Multi Display <33-3>
I7 INJECTOR NO 1
I8 INJECTOR NO 2
I9 INJECTOR NO 3
I10 INJECTOR NO 4
J 7 (A), J 8 (B) (LHD)
J21 (A), J22 (B) (RHD)
JUNCTION CONNECTOR
P 1 POWER STEERING OIL PRESSURE SW
To A/C Amplifier <35-4>
To Water Temp Gauge [Comb Meter]<34-8>
From Ignition Coil and Igniter No 1 or No 2<2-1>
From Speedometer [Comb Meter]<34-8>
EC Behind the intake manifold

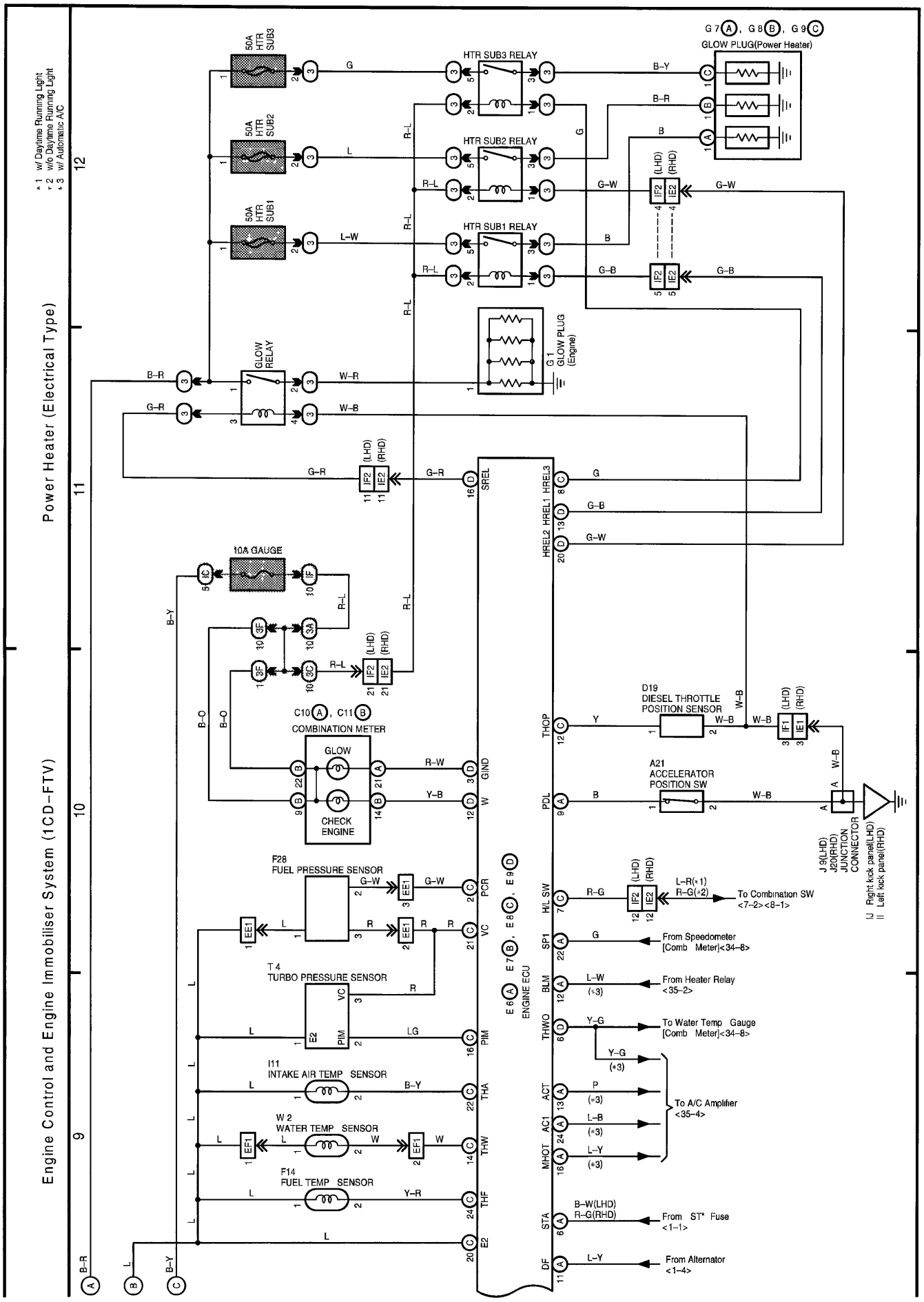

6 AVENSIS / CORONA
(Cont. next page)
Power Source
Engine Control and Engine Immobiliser System (1CD-FTV)
D18
DIESEL THROTTLE
CONTROL MOTOR
V10
VSV(Turbo Pressure Sensor)
V 3
VRV(EGR)
V 5
VSV(EGR)
ENGINE ECU
J 7 (A), J 8 (B) (LHD),
J21 (A), J22 (B) (RHD)
JUNCTION CONNECTOR
T 6
TRANSPONDER
KEY ECU
D-LINE
EFI IN
EFI OUT
DOOR SWITCH
KEY IN SWITCH
IGN
BAT
GND
To Door Courtesy
SW<14-2>
From Wireless Door
Lock ECU<22-1>
10A
IGN
I13
IGNITION SW
ACC
IG1
IG2
ST2
AM1
AM2
EFI RELAY
15A EFI
10A ECU-B
7. 5A DOME
SHORT PIN
30A AM2
40A
AM1
F15 (A), F16 (B) F17 (C)
FUSIBLE LINK BLOCK
FL MAIN
3 0W
BATTERY
J 1(LHD)
J27(RHD)
JUNCTION CONNECTOR
IJ Left kick panel(LHD)
IJ Right kick panel(RHD)
IH Left kick panel(LHD)
IK Right kick panel(RHD)
Under the
headlight LH
Under the
headlight RH

(Cont. next page)

Engine Control and Engine Immobiliser System (1CD-FTV)



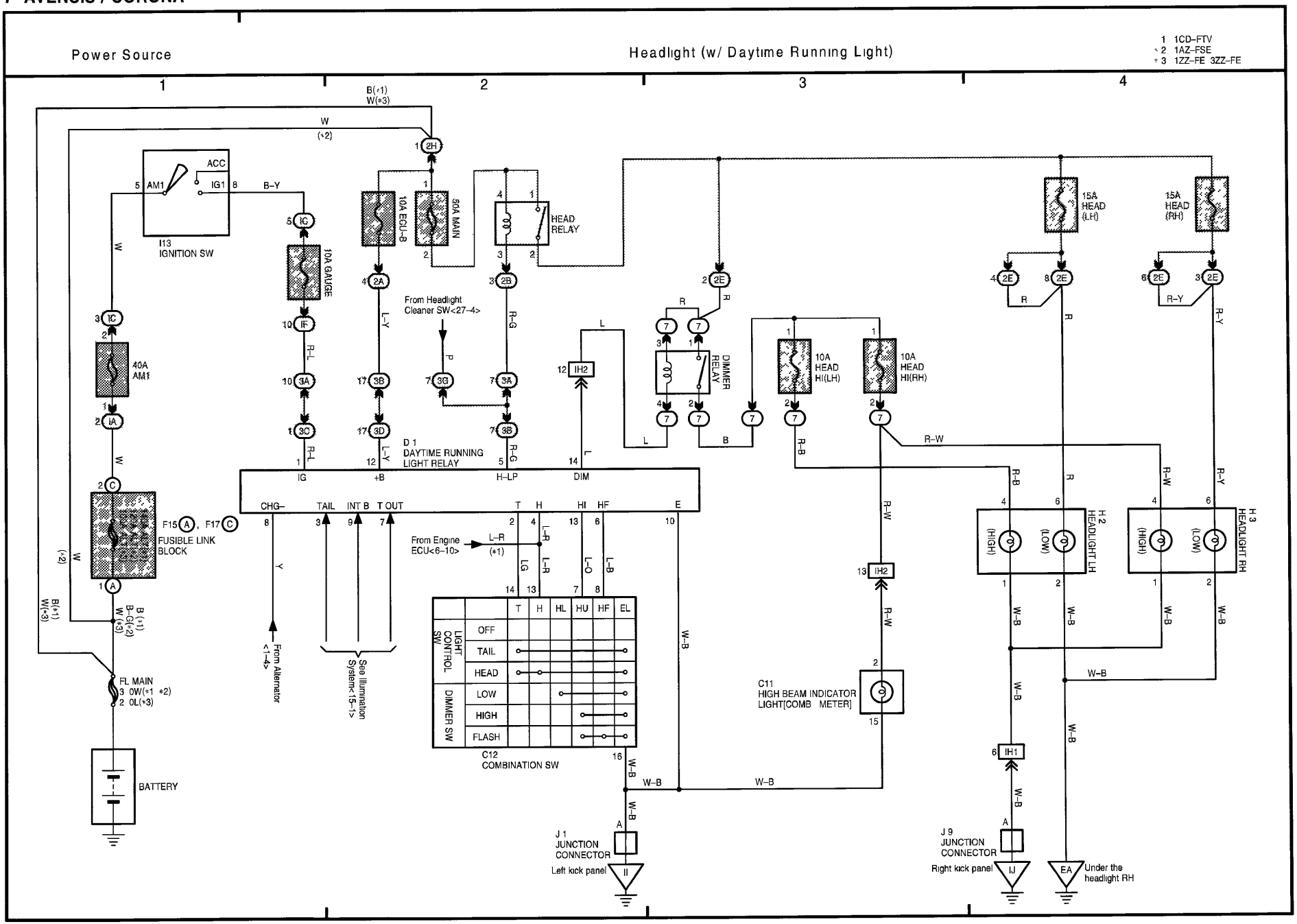
I OVERALL ELECTRICAL WIRING DIAGRAM

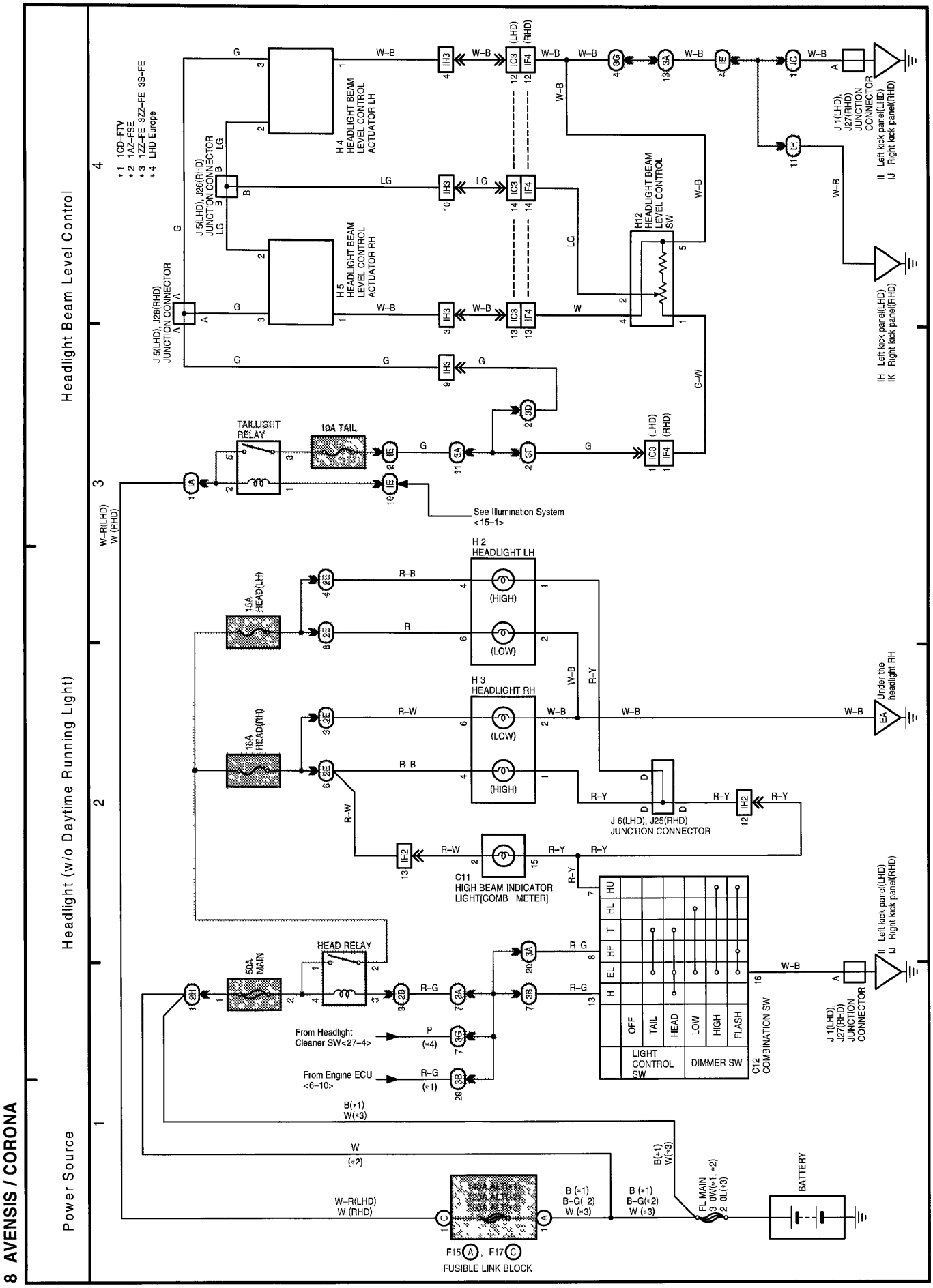


Power Source

Headlight (w/ Daytime Running Light)

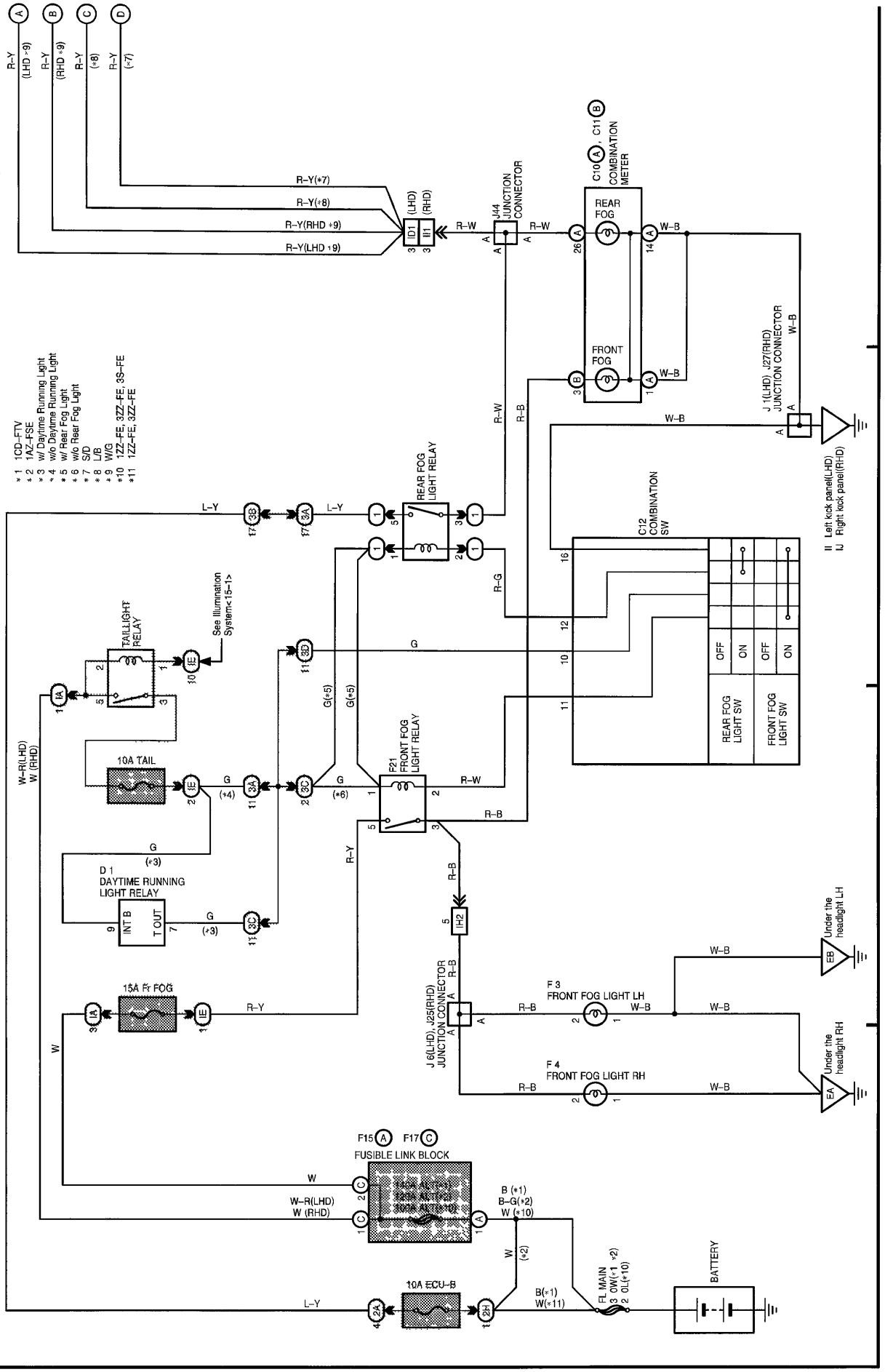
1 1CD-FTV
*2 1AZ-FSE
*3 1ZZ-FE 3ZZ-FE

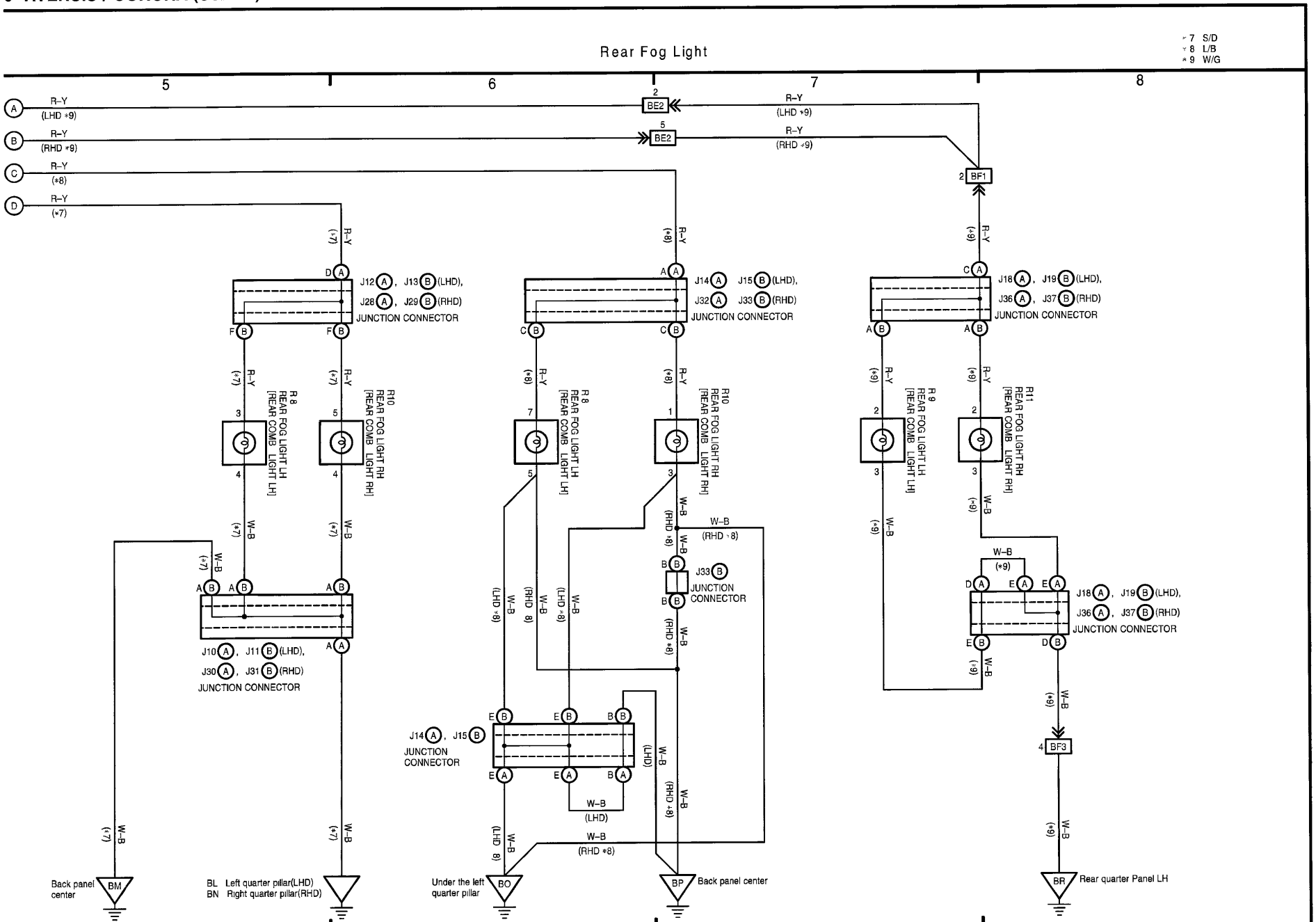



Power Source
Headlight (w/o Daytime Running Light)
Headlight Beam Level Control
1
2
3
4
*1 1CD-FTV
*2 1AZ-FSE
*3 1ZZ-FE 3ZZ-FE 3S-FE
*4 LHD Europe
H 4
HEADLIGHT BEAM LEVEL CONTROL ACTUATOR LH
H 5
HEADLIGHT BEAM LEVEL CONTROL ACTUATOR RH
J 5(LHD), J26(RHD) JUNCTION CONNECTOR
H12
HEADLIGHT BEAM LEVEL CONTROL SW
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
Left kick panel(LHD)
Right kick panel(RHD)
TAILLIGHT RELAY
10A TAIL
See Illumination System <15-1>
W-R(LHD)
W (RHD)
H 2
HEADLIGHT LH
H 3
HEADLIGHT RH
15A HEAD(LH)
15A HEAD(RH)
(HIGH)
(LOW)
Under the headlight RH
J 6(LHD), J25(RHD) JUNCTION CONNECTOR
C11
HIGH BEAM INDICATOR LIGHT[COMB METER]
HEAD RELAY
50A MAIN
From Headlight Cleaner SW<27-4>
From Engine ECU <6-10>
C12
COMBINATION SW
LIGHT CONTROL SW
DIMMER SW
OFF
TAIL
HEAD
LOW
HIGH
FLASH
BATTERY
FL MAIN
F15 A , F17 C
FUSIBLE LINK BLOCK

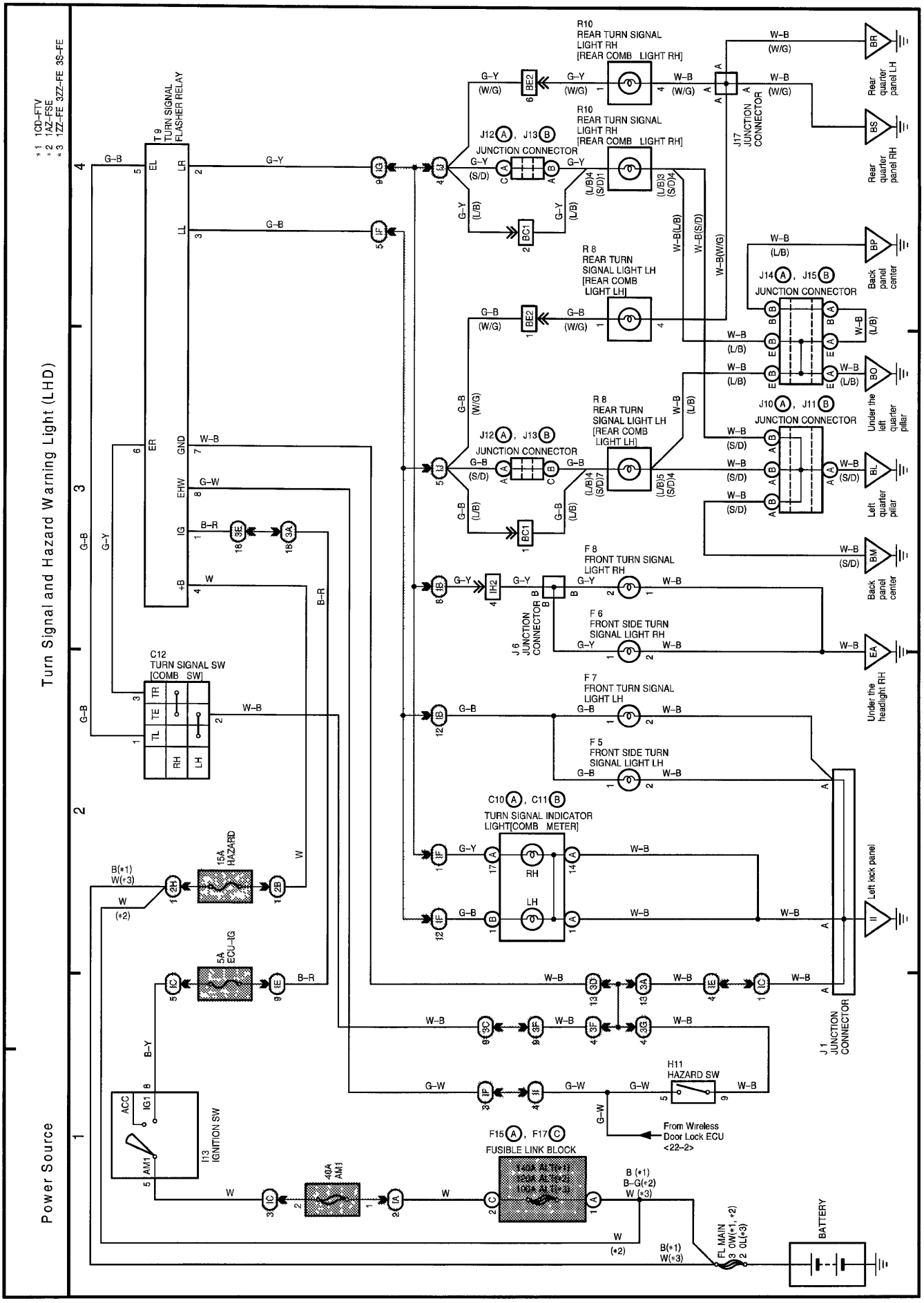
I OVERALL ELECTRICAL WIRING DIAGRAM

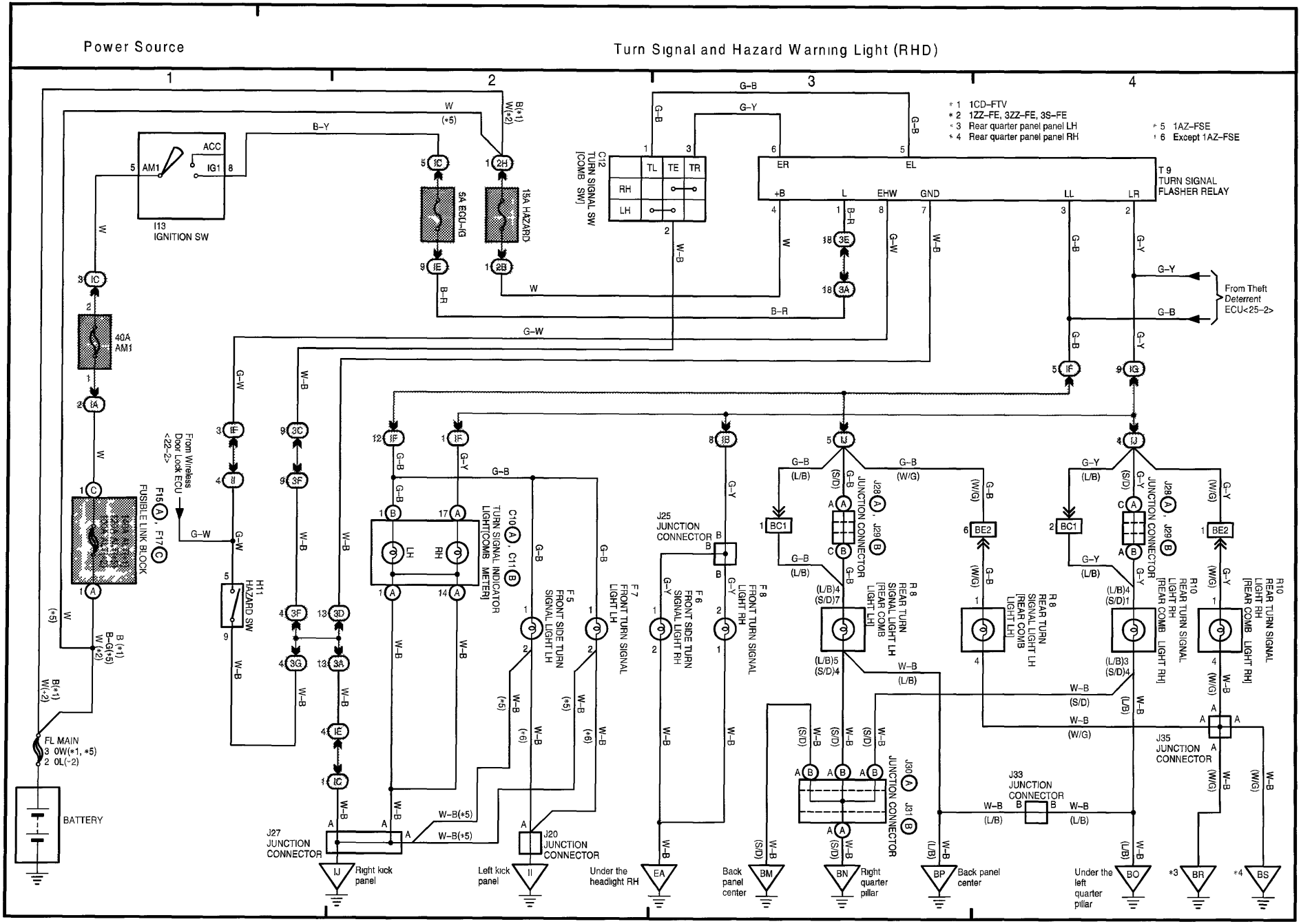
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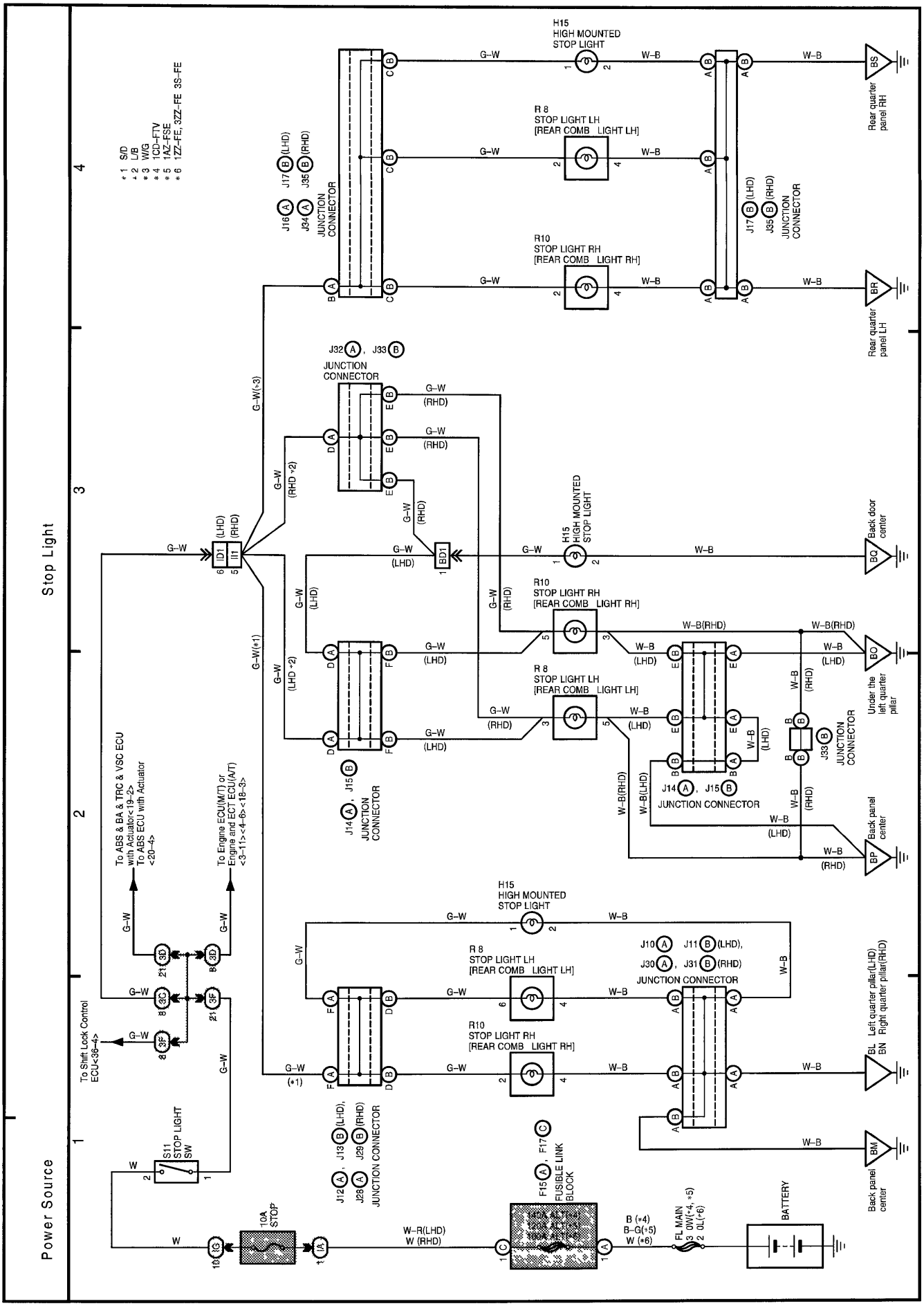

Rear Fog Light
*7 S/D
*8 L/B
*9 W/G
5
6
7
8
R-Y (LHD *9)
R-Y (RHD *9)
R-Y (*8)
R-Y (*7)
BE2
BF1
BF3
J12, J13 (LHD), J28, J29 (RHD) JUNCTION CONNECTOR
J14, J15 (LHD), J32, J33 (RHD) JUNCTION CONNECTOR
J18, J19 (LHD), J36, J37 (RHD) JUNCTION CONNECTOR
J10, J11 (LHD), J30, J31 (RHD) JUNCTION CONNECTOR
J14, J15 JUNCTION CONNECTOR
J33 JUNCTION CONNECTOR
R8 REAR FOG LIGHT LH [REAR COMB LIGHT LH]
R10 REAR FOG LIGHT RH [REAR COMB LIGHT RH]
R9 REAR FOG LIGHT LH [REAR COMB LIGHT LH]
R11 REAR FOG LIGHT RH [REAR COMB LIGHT RH]
W-B
W-B (LHD)
W-B (RHD *8)
W-B (RHD *9)
Back panel center
BM
BL Left quarter pillar(LHD)
BN Right quarter pillar(RHD)
Under the left quarter pillar
BO
BP Back panel center
BR Rear quarter Panel LH

I OVERALL ELECTRICAL WIRING DIAGRAM

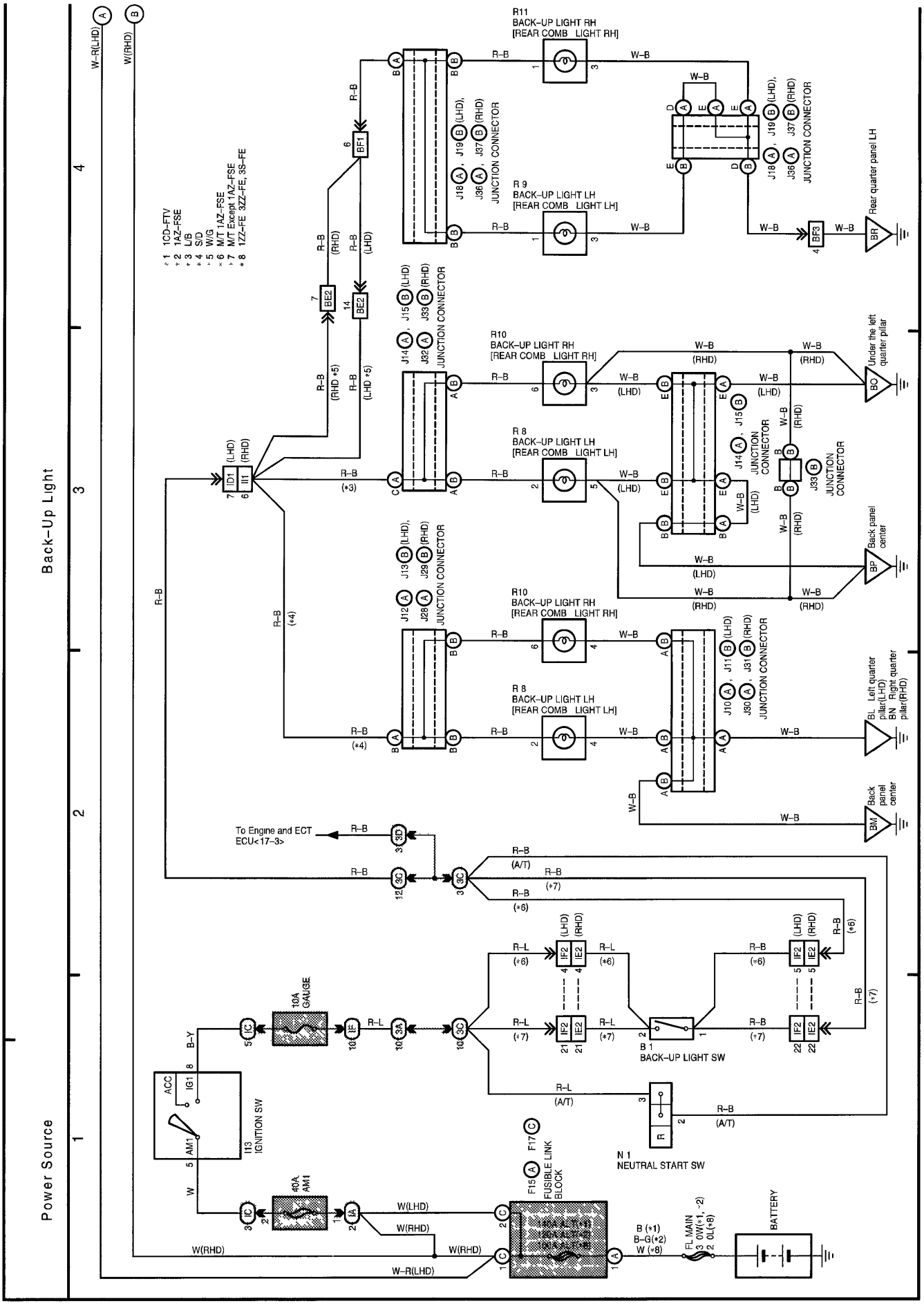


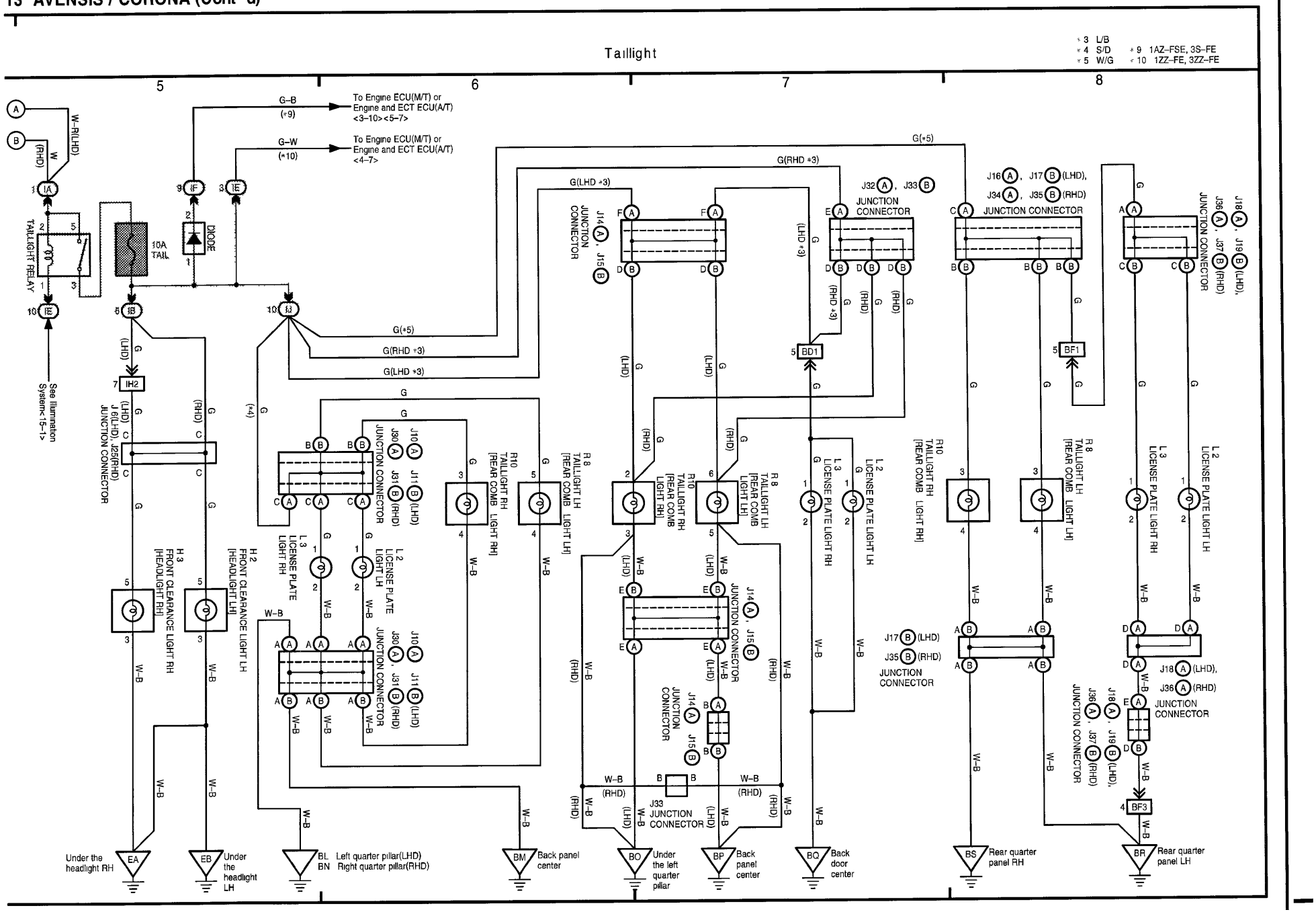

Power Source
Turn Signal and Hazard Warning Light (RHD)
1
2
3
4
*1 1CD-FTV
*2 1ZZ-FE, 3ZZ-FE, 3S-FE
*3 Rear quarter panel panel LH
*4 Rear quarter panel panel RH
*5 1AZ-FSE
*6 Except 1AZ-FSE
I13 IGNITION SW
ACC
IG1
AM1
5A ECU-IG
15A HAZARD
C12 TURN SIGNAL SW [COMB SW]
T9 TURN SIGNAL FLASHER RELAY
40A AM1
FUSIBLE LINK BLOCK
From Wireless Door Lock ECU <22-2>
From Theft Deterrent ECU<25-2>
H11 HAZARD SW
FL MAIN
3 0W(*1, *5)
2 0L(-2)
BATTERY
C10 , C11 TURN SIGNAL INDICATOR LIGHT[COMB METER]
F5 FRONT SIDE TURN SIGNAL LIGHT LH
F6 FRONT SIDE TURN SIGNAL LIGHT RH
F7 FRONT TURN SIGNAL LIGHT LH
F8 FRONT TURN SIGNAL LIGHT RH
J25 JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
J20 JUNCTION CONNECTOR
J28 , J29 JUNCTION CONNECTOR
J30 , J31 JUNCTION CONNECTOR
J33 JUNCTION CONNECTOR
J35 JUNCTION CONNECTOR
R8 REAR TURN SIGNAL LIGHT LH [REAR COMB LIGHT LH]
R10 REAR TURN SIGNAL LIGHT RH [REAR COMB LIGHT RH]
Right kick panel
Left kick panel
Under the headlight RH
Back panel center
Right quarter pillar
Back panel center
Under the left quarter pillar

I OVERALL ELECTRICAL WIRING DIAGRAM

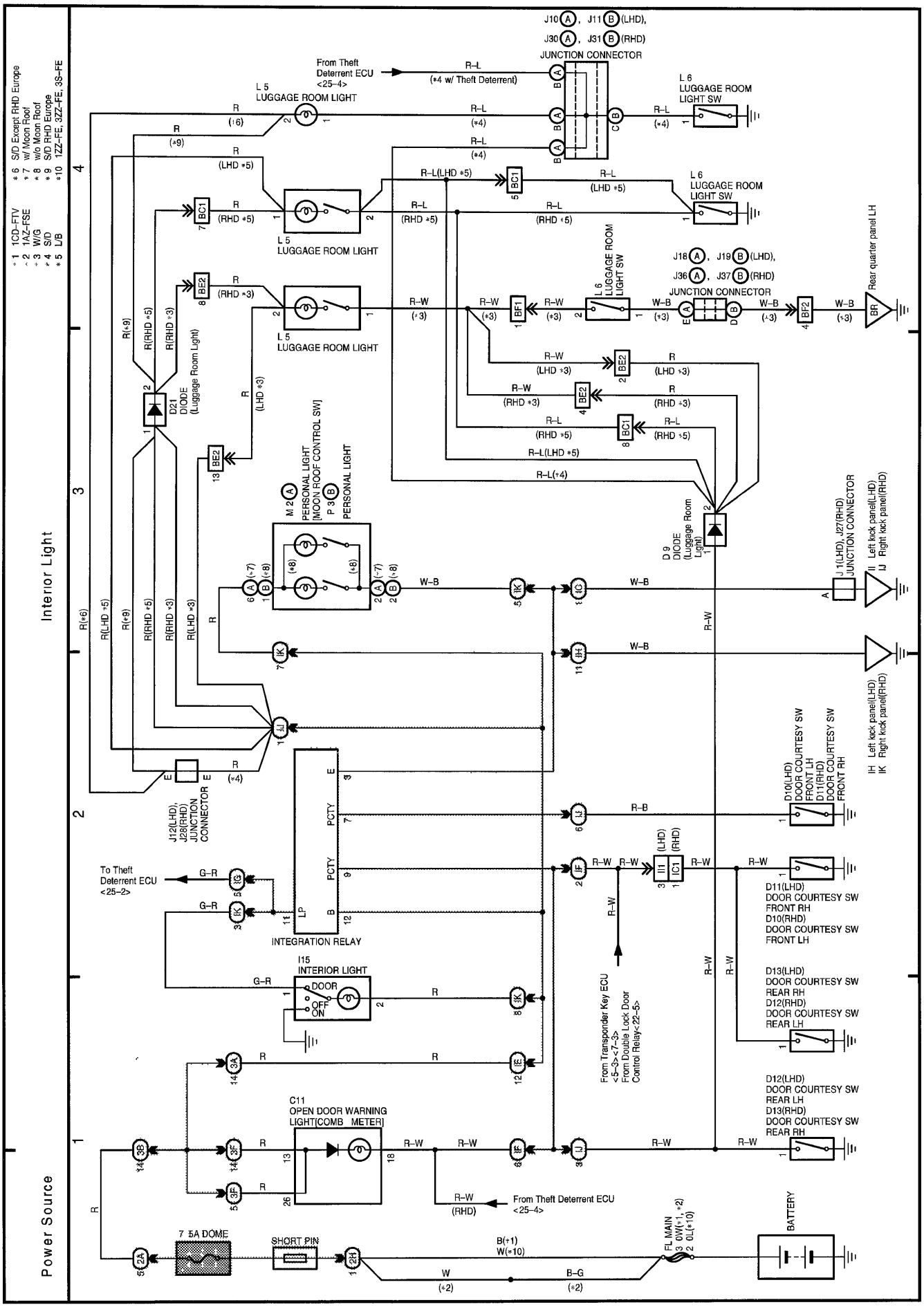


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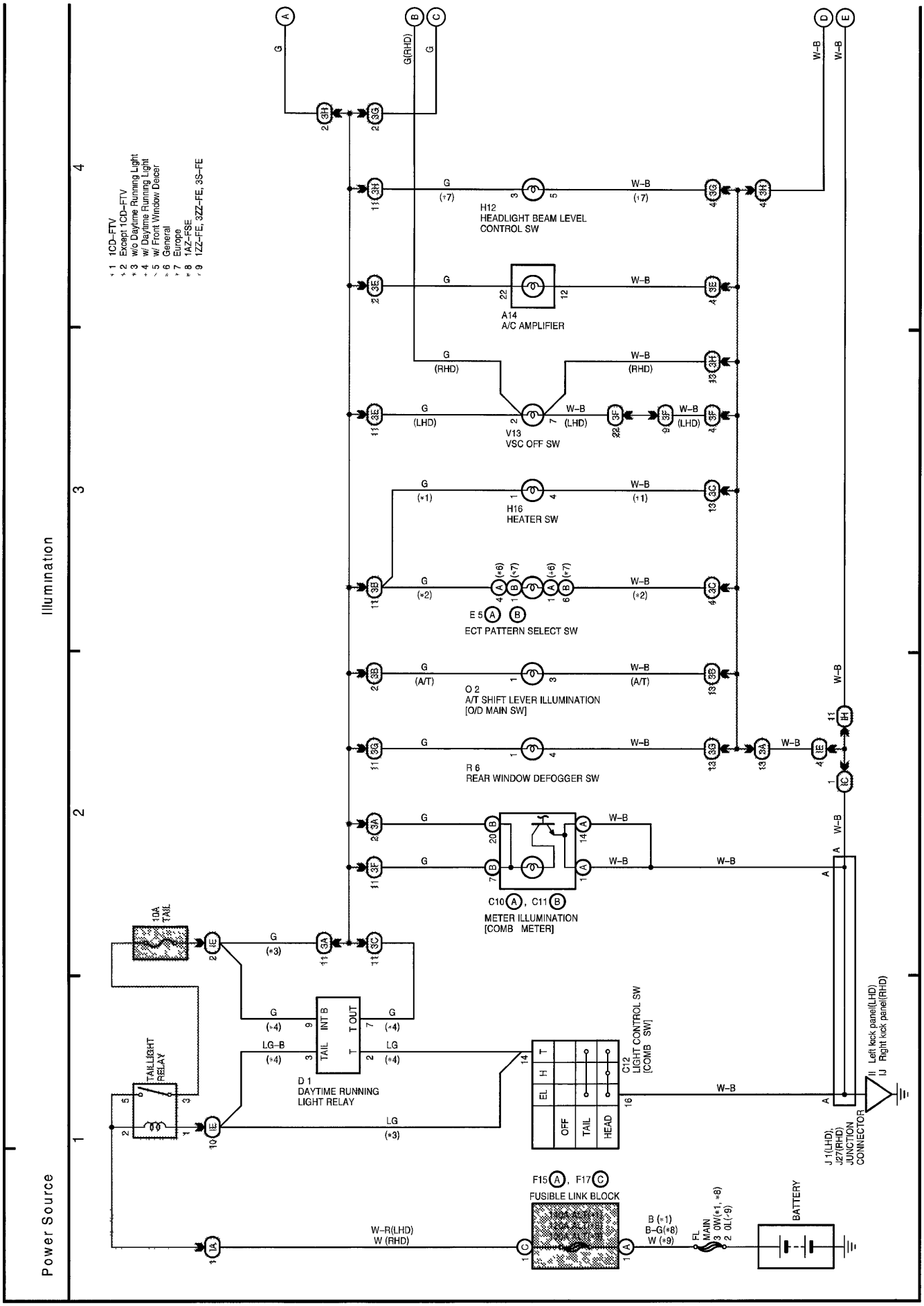

Taillight
*3 L/B
*4 S/D
*5 W/G
*9 1AZ-FSE, 3S-FE
*10 1ZZ-FE, 3ZZ-FE
5
6
7
8
G-B (*9) To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-10><5-7>
G-W (*10) To Engine ECU(M/T) or Engine and ECT ECU(A/T) <4-7>
W-R(LHD)
TAILLIGHT RELAY
10A TAIL
DIODE
See Illumination System<15-1>
G(*5)
G(RHD *3)
G(LHD *3)
IH2
J6(LHD), J25(RHD) JUNCTION CONNECTOR
H3 FRONT CLEARANCE LIGHT RH [HEADLIGHT RH]
H2 FRONT CLEARANCE LIGHT LH [HEADLIGHT LH]
L3 LICENSE PLATE LIGHT RH
L2 LICENSE PLATE LIGHT LH
J80, J10, J31, J11 JUNCTION CONNECTOR
R10 TAILLIGHT RH [REAR COMB LIGHT RH]
R8 TAILLIGHT LH [REAR COMB LIGHT LH]
J14, J15 JUNCTION CONNECTOR
J33 JUNCTION CONNECTOR
J32, J33 JUNCTION CONNECTOR
BD1
J16, J17 (LHD), J34, J35 (RHD) JUNCTION CONNECTOR
BF1
J18, J19 (LHD), J36, J37 (RHD) JUNCTION CONNECTOR
J17 (LHD) J35 (RHD) JUNCTION CONNECTOR
J18 (LHD), J36 (RHD) JUNCTION CONNECTOR
J18, J19 (LHD), J36, J37 (RHD) JUNCTION CONNECTOR
BF3
W-B
Under the headlight RH
EA
Under the headlight LH
EB
BL Left quarter pillar(LHD)
BN Right quarter pillar(RHD)
BM Back panel center
BO Under the left quarter pillar
BP Back panel center
BQ Back door center
BS Rear quarter panel RH
BR Rear quarter panel LH

I OVERALL ELECTRICAL WIRING DIAGRAM



I OVERALL ELECTRICAL WIRING DIAGRAM

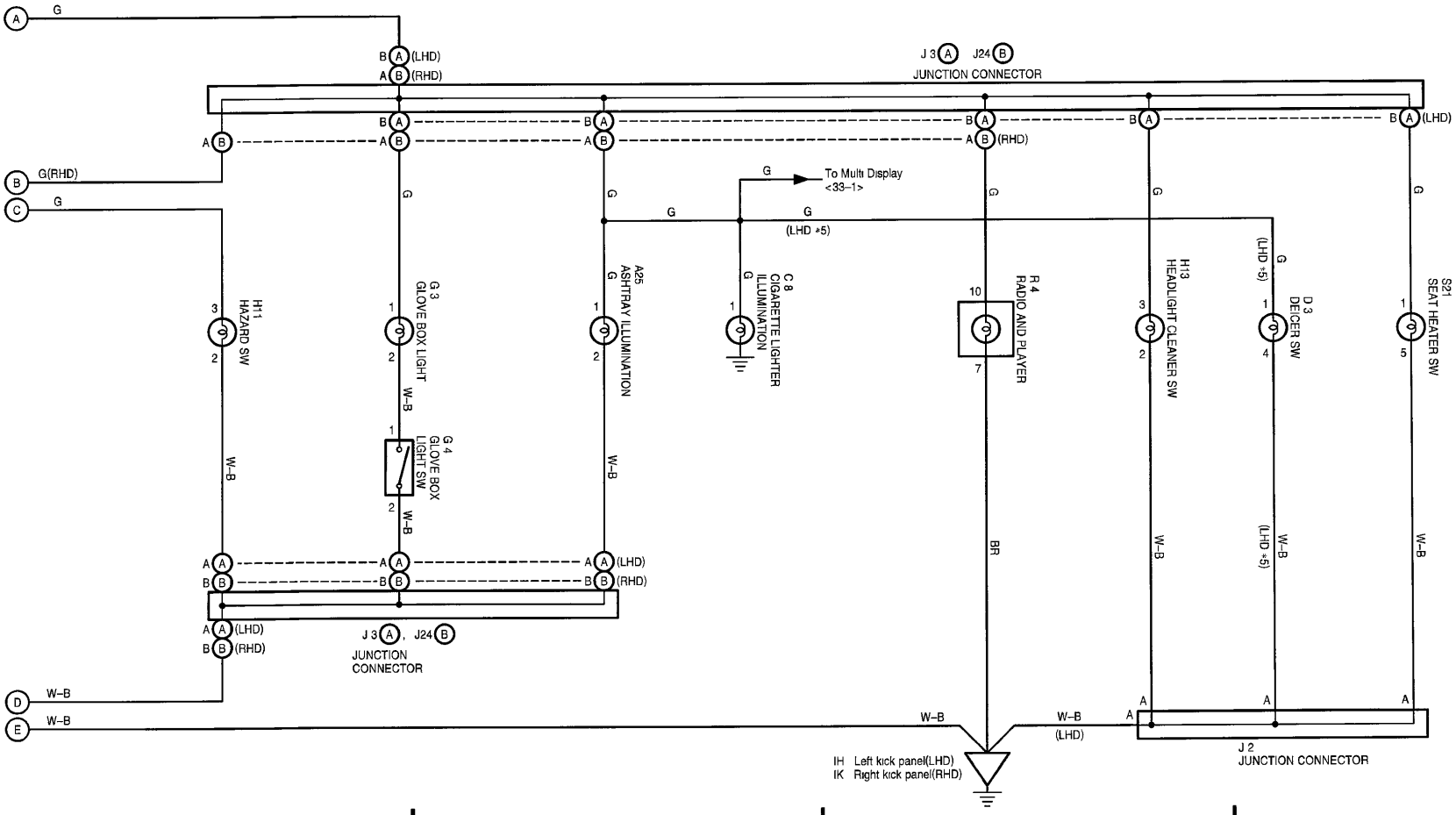
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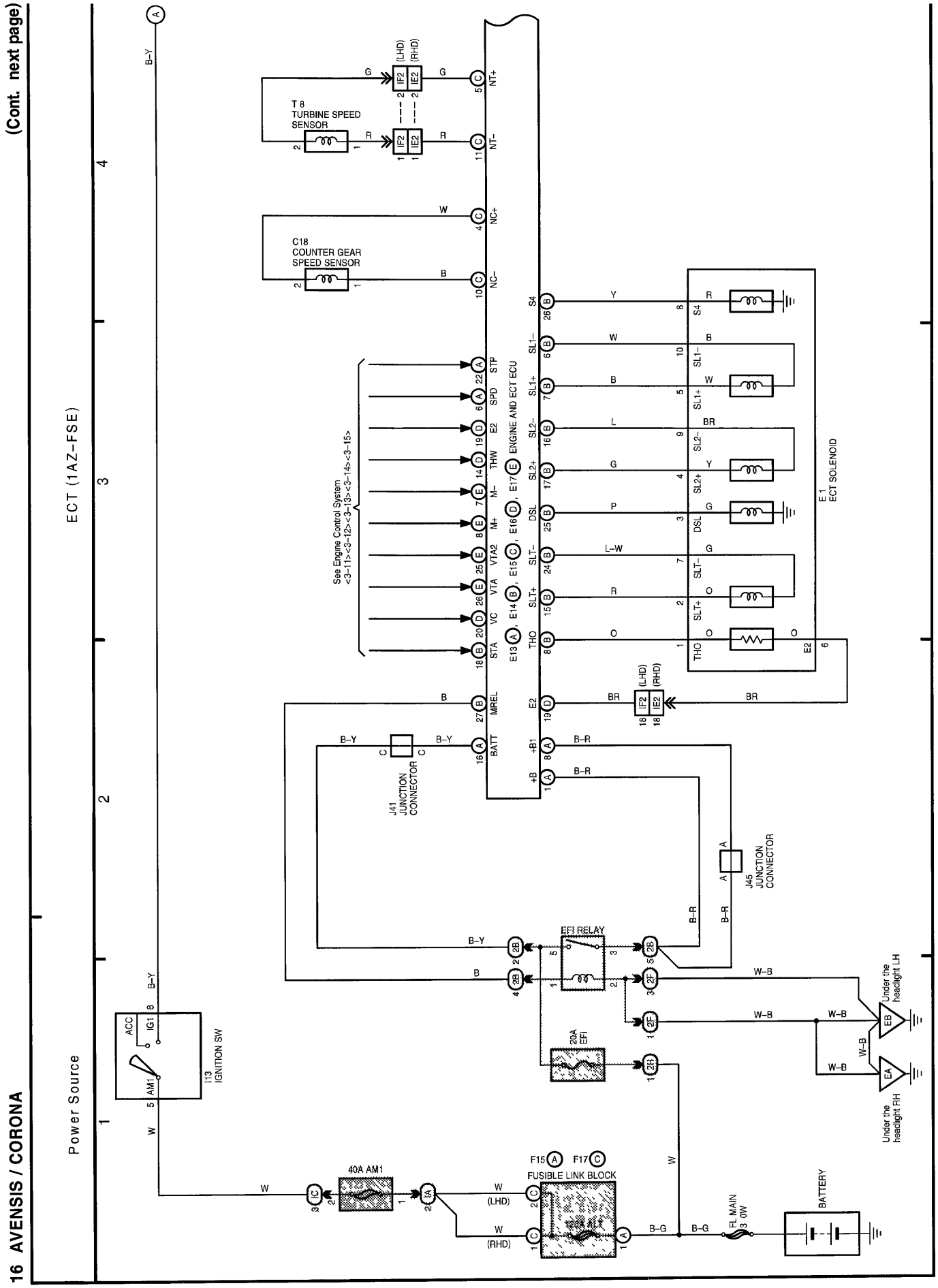


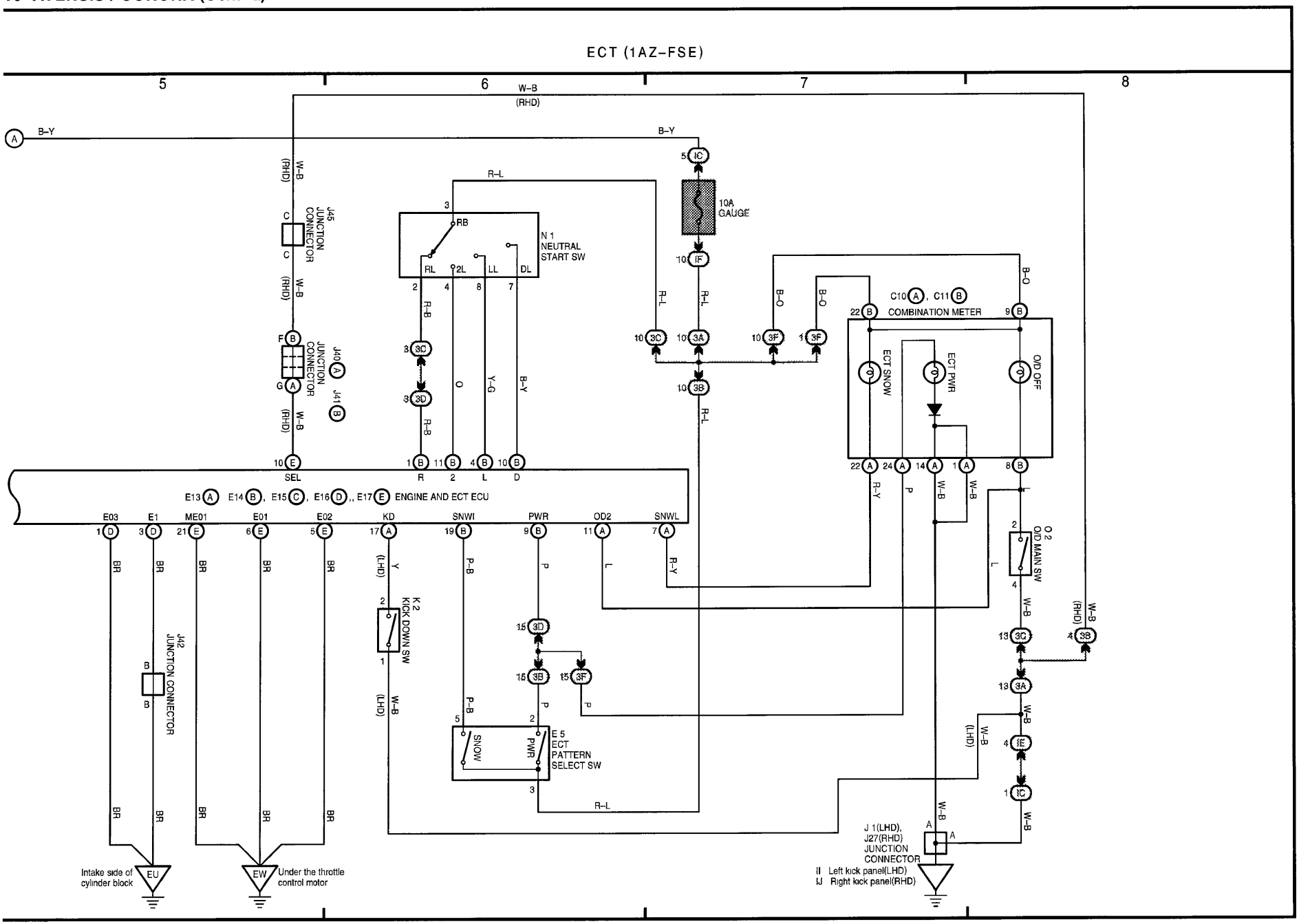
Illumination

*5 w/ Front Window Deicer

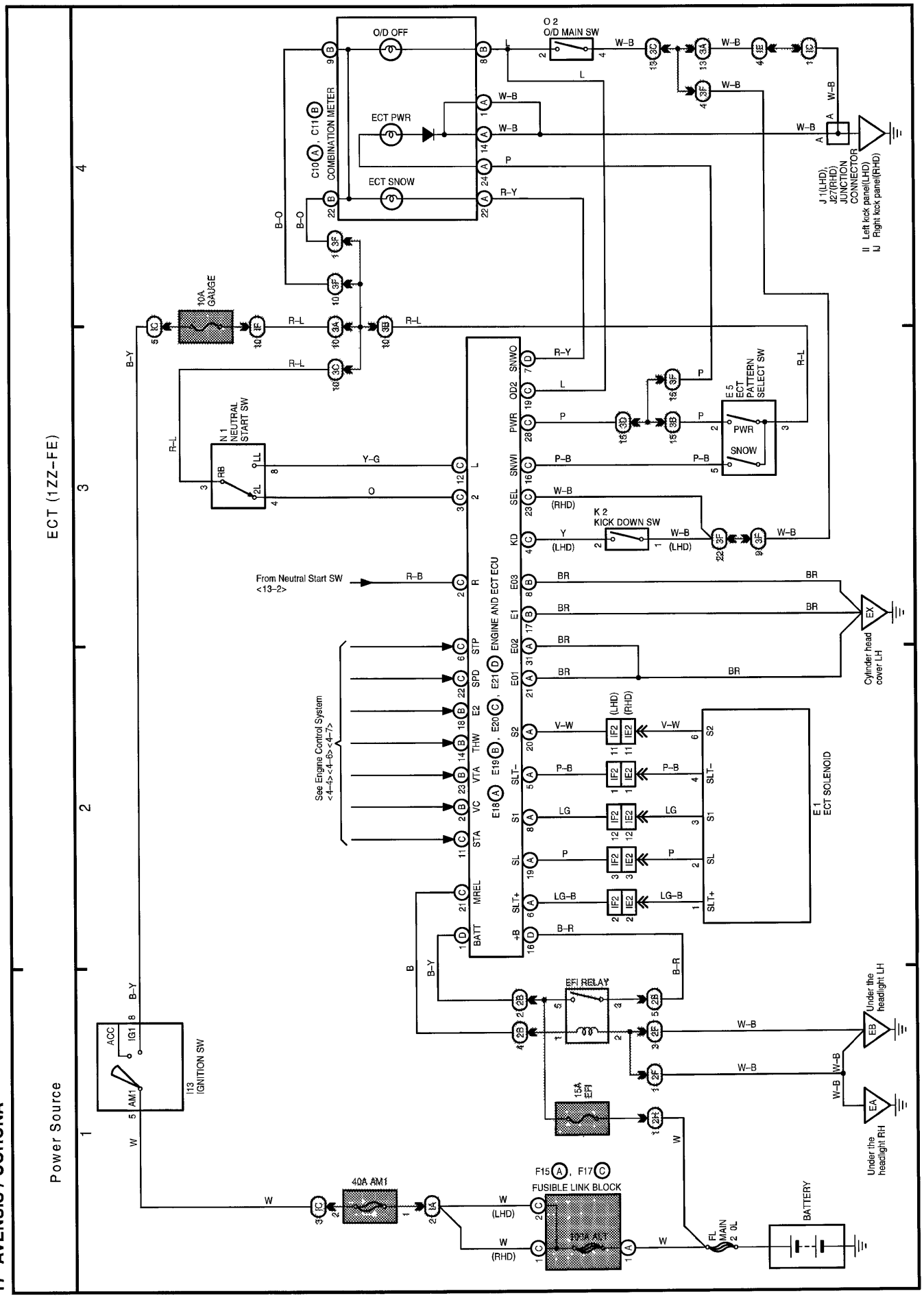
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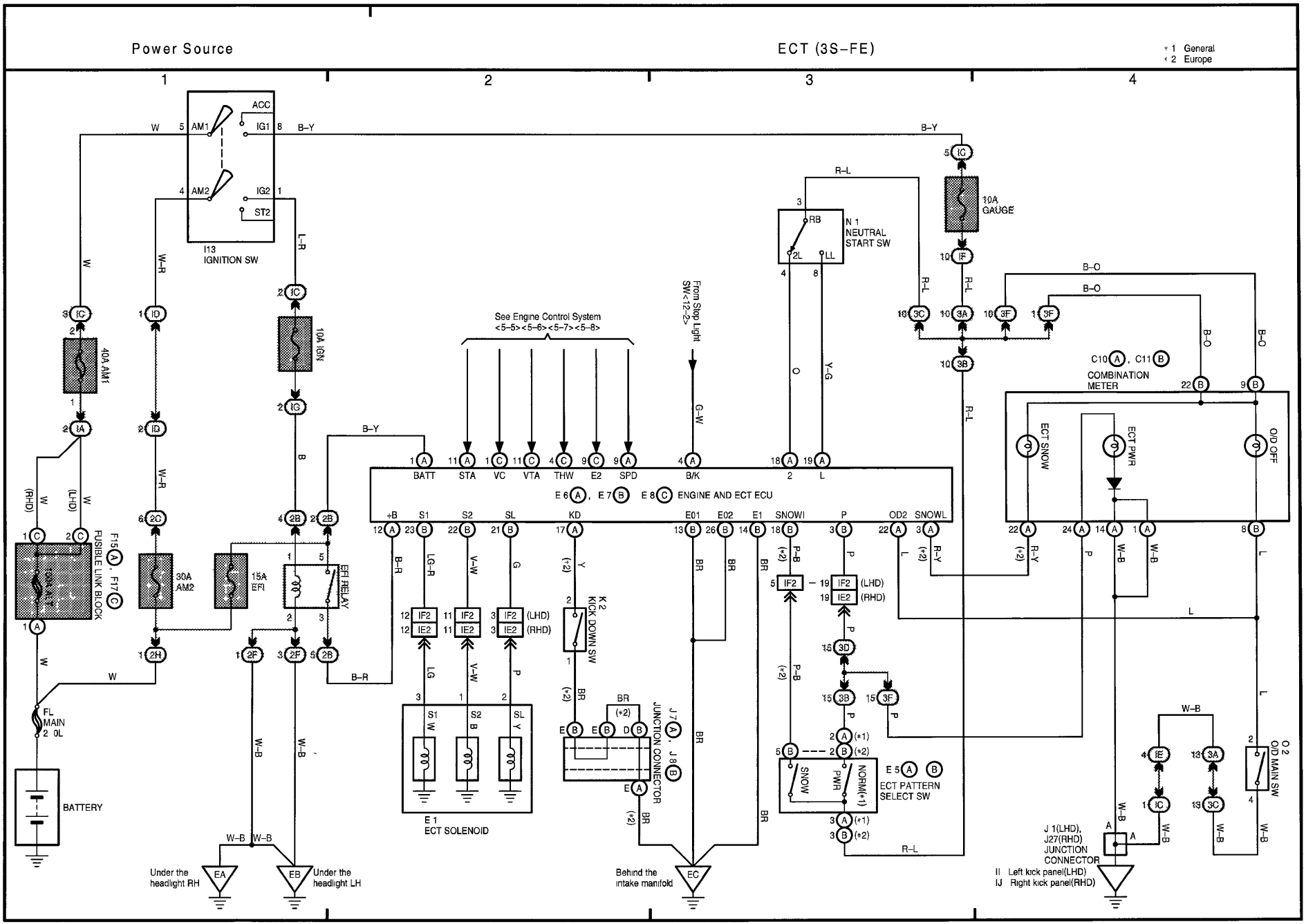



(Cont. next page)
ECT (1AZ-FSE)
Power Source
16 AVENSIS / CORONA
T 8
TURBINE SPEED
SENSOR
C18
COUNTER GEAR
SPEED SENSOR
See Engine Control System
<3-11><3-12><3-13><3-14><3-15>
ENGINE AND ECT ECU
E 1
ECT SOLENOID
J41
JUNCTION
CONNECTOR
J45
JUNCTION
CONNECTOR
I13
IGNITION SW
EFI RELAY
20A
EFI
40A AM1
FUSIBLE LINK BLOCK
FL MAIN
3 0W
BATTERY
Under the
headlight LH
Under the
headlight RH


ECT (1AZ-FSE)
5
6
7
8
W-B (RHD)
B-Y
10A GAUGE
N 1 NEUTRAL START SW
J45 JUNCTION CONNECTOR
J40 JUNCTION CONNECTOR
J41
C10 (A), C11 (B) COMBINATION METER
ECT SNOW
ECT PWR
O/D OFF
SEL
R
2
L
D
E13 (A) E14 (B), E15 (C), E16 (D), E17 (E) ENGINE AND ECT ECU
E03
E1
ME01
E01
E02
KD
SNWI
PWR
OD2
SNWL
J42 JUNCTION CONNECTOR
K 2 KICK DOWN SW
E 5 ECT PATTERN SELECT SW
SNOW
PWR
O 2 O/D MAIN SW
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
Intake side of cylinder block
EU
EW
Under the throttle control motor
Left kick panel(LHD)
Right kick panel(RHD)

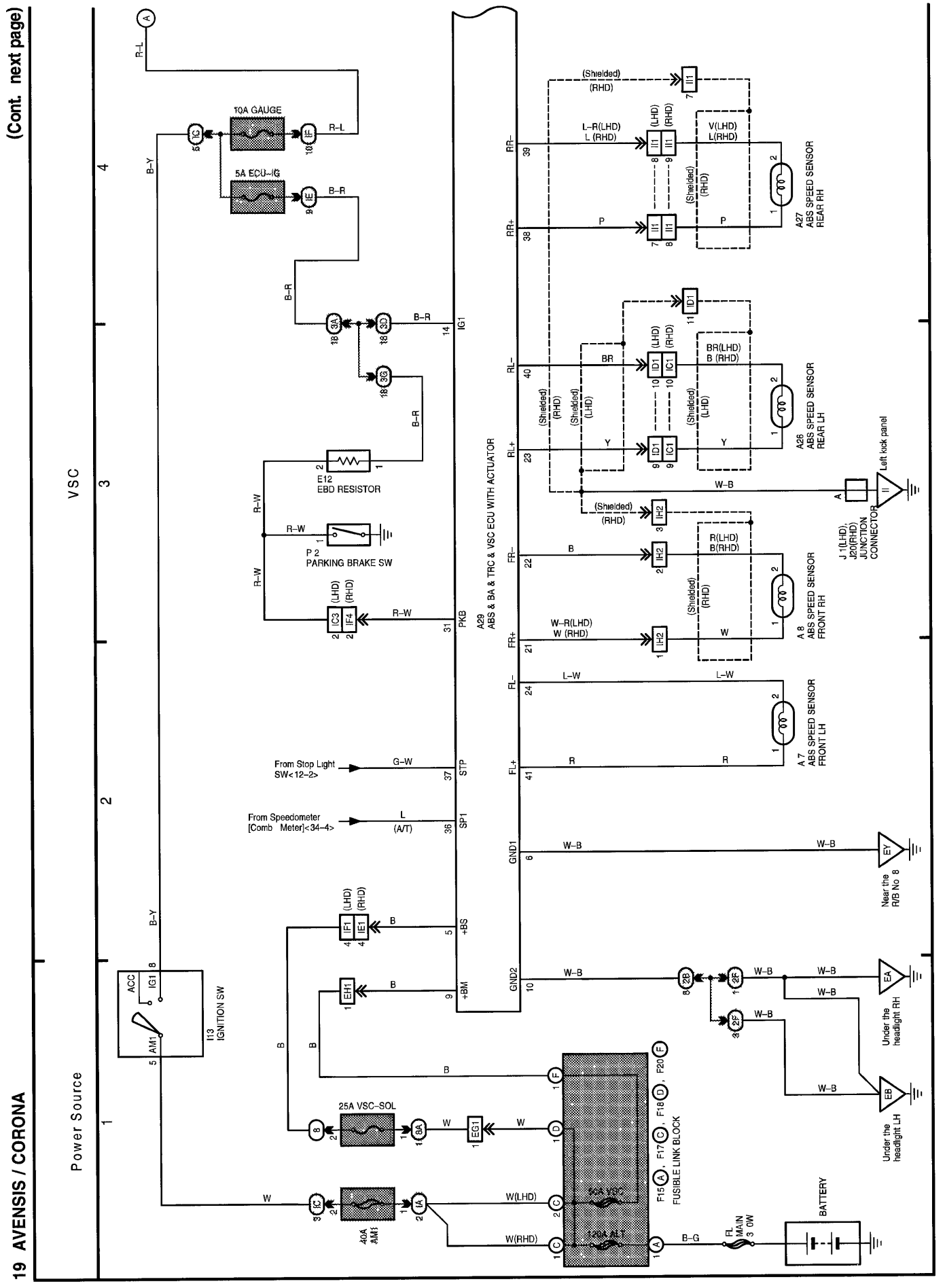
I OVERALL ELECTRICAL WIRING DIAGRAM

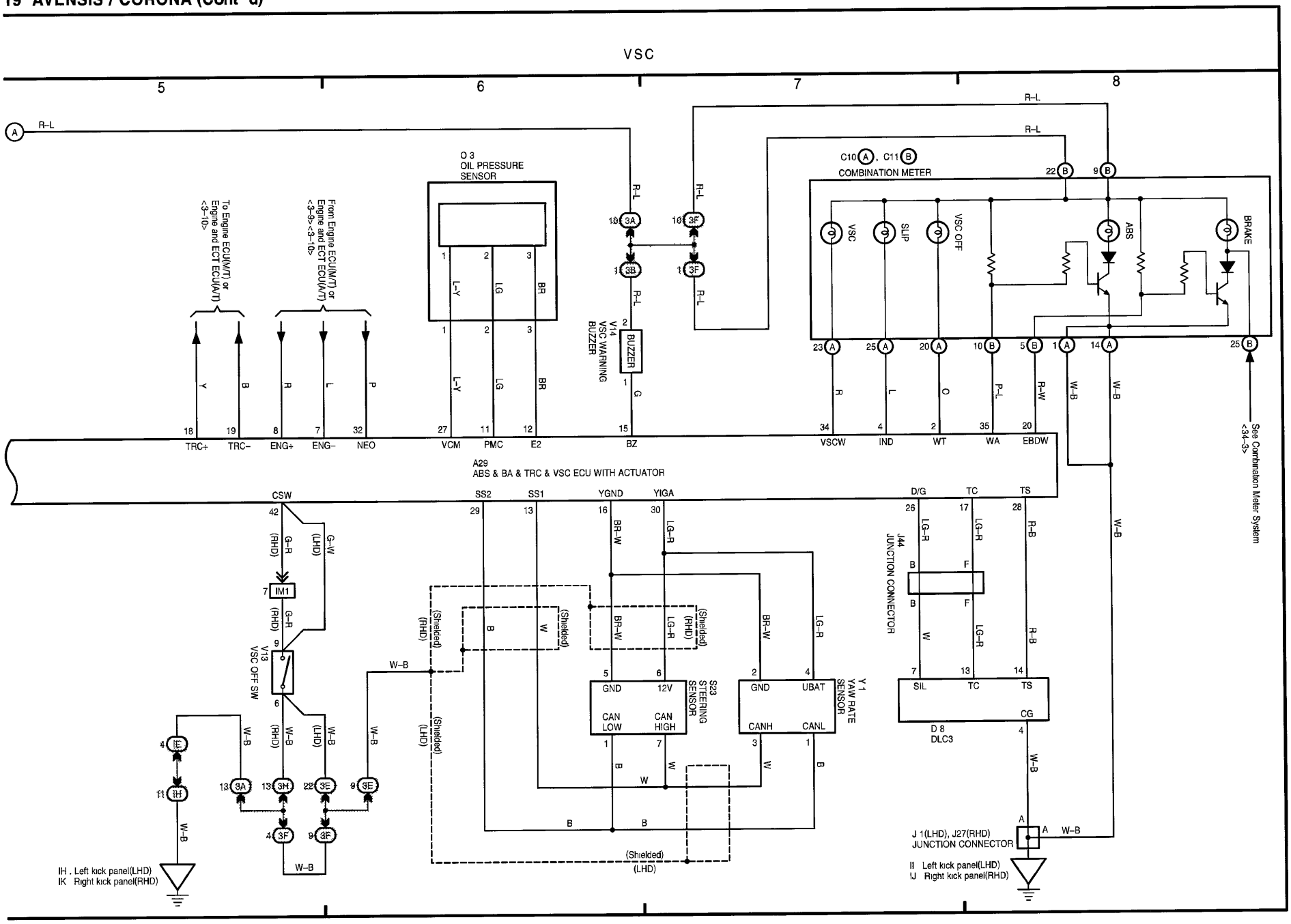


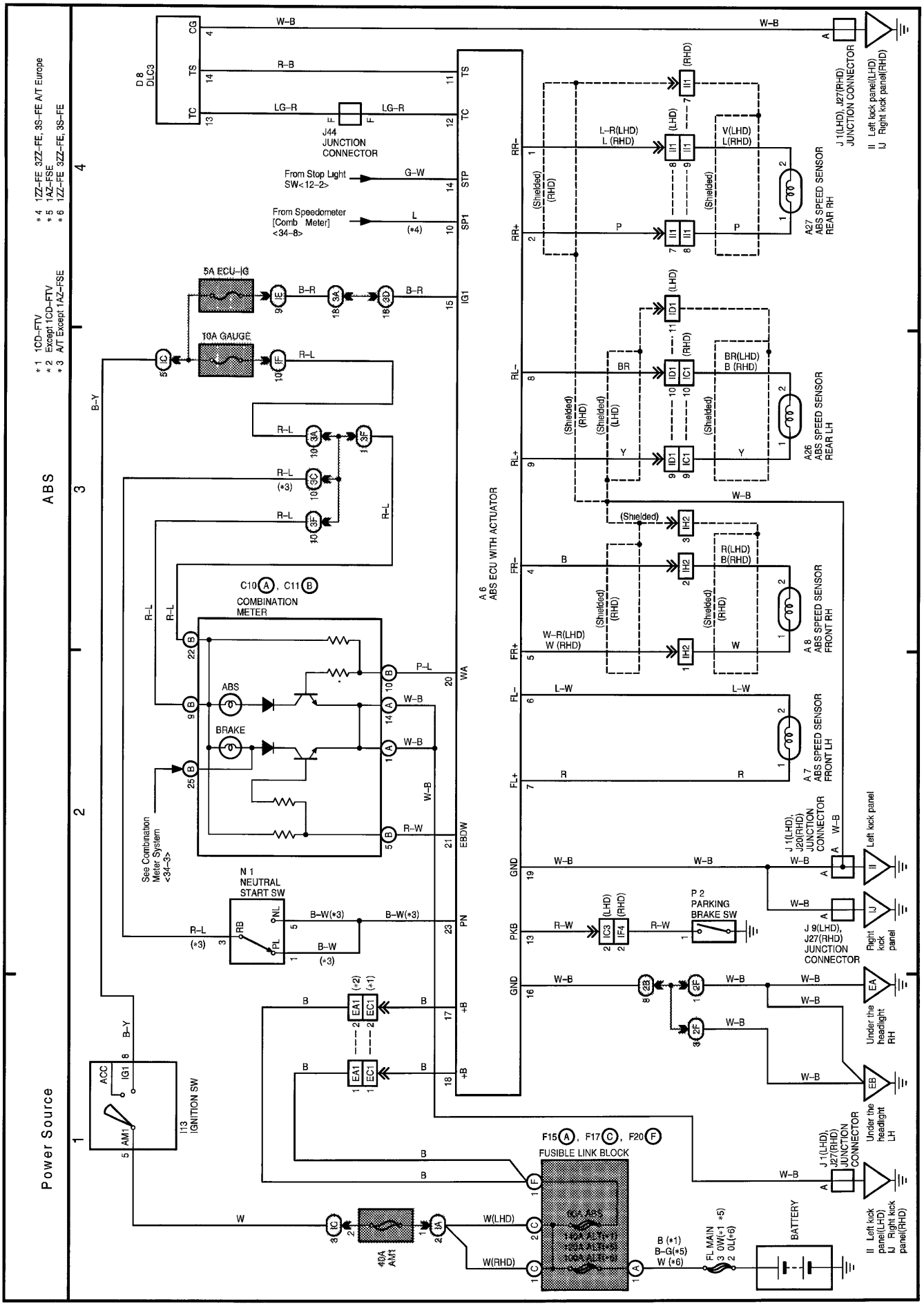

Power Source
ECT (3S-FE)
*1 General
*2 Europe
1
2
3
4
ACC
AM1
AM2
IG1
IG2
ST2
I13
IGNITION SW
40A AM1
10A IGN
10A GAUGE
N 1
NEUTRAL START SW
See Engine Control System <5-5><5-6><5-7><5-8>
From Stop Light SW<12-2>
BATT
STA
VC
VTA
THW
E2
SPD
B/K
E 6 (A), E 7 (B) E 8 (C) ENGINE AND ECT ECU
+B
S1
S2
SL
KD
E01
E02
E1
SNOWI
P
OD2
SNOWL
C10 (A), C11 (B)
COMBINATION METER
ECT SNOW
ECT PWR
O/D OFF
FUSIBLE LINK BLOCK
F15 (A), F17 (C)
30A AM2
15A EFI
EFI RELAY
K 2
KICK DOWN SW
E 1
ECT SOLENOID
J7 (A), J8 (B)
JUNCTION CONNECTOR
ECT PATTERN SELECT SW
SNOW
PWR
NORM(*1)
E 5 (A) (B)
FL MAIN
2 0L
BATTERY
Under the headlight RH
Under the headlight LH
Behind the intake manifold
EA
EB
EC
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
II Left kick panel(LHD)
IJ Right kick panel(RHD)
O2 O/D MAIN SW

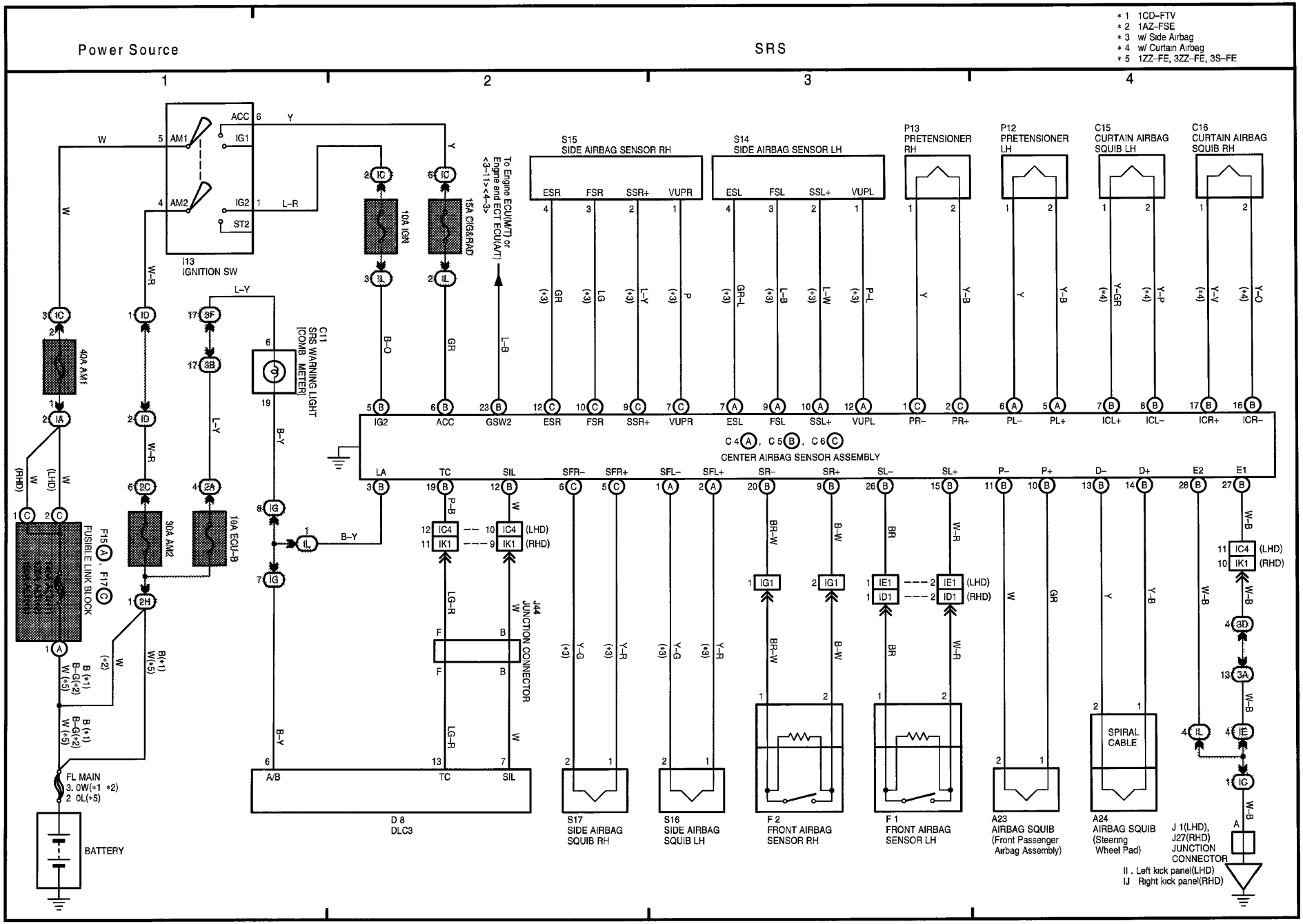
I OVERALL ELECTRICAL WIRING DIAGRAM

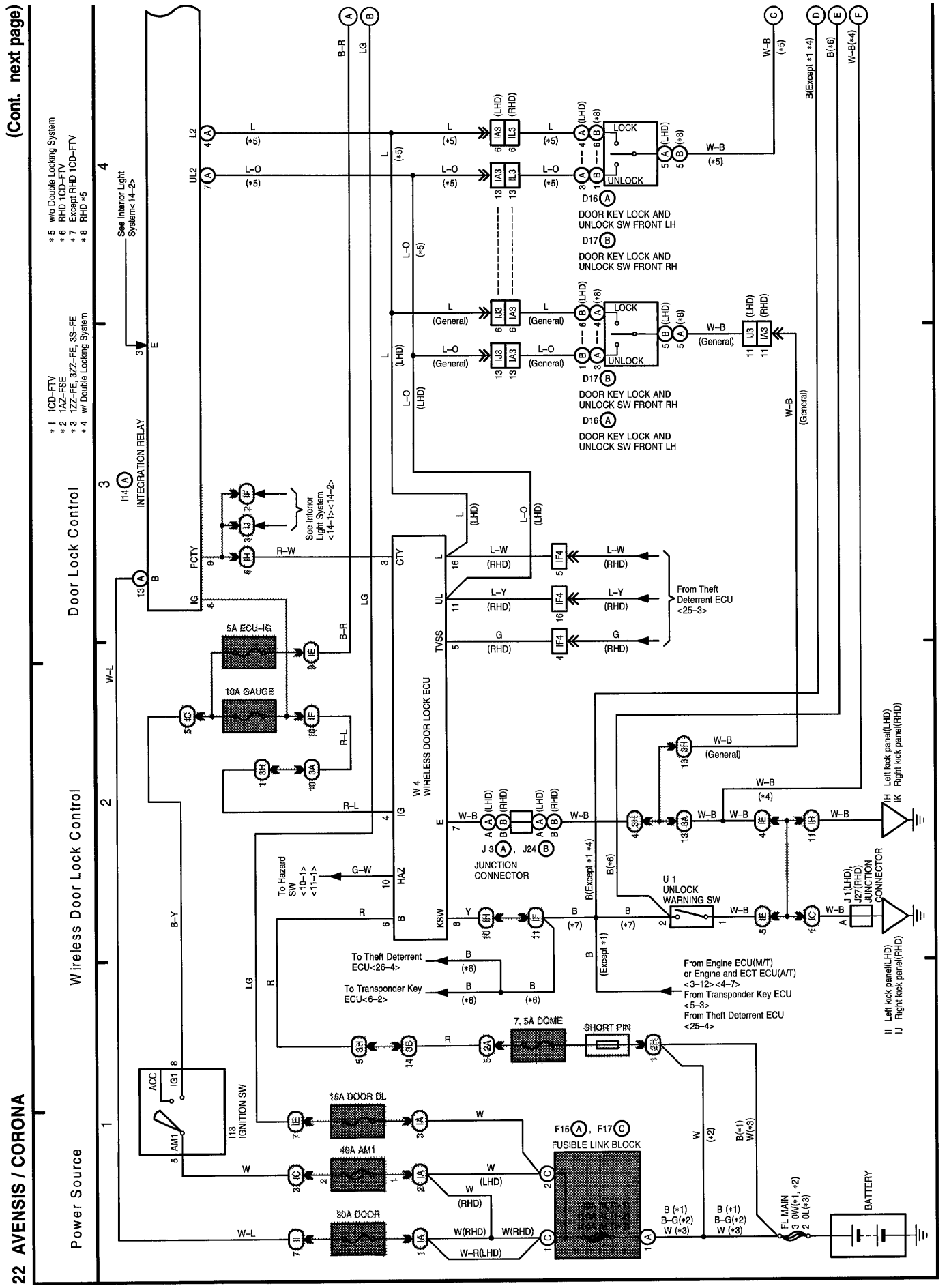
(Cont. next page)




VSC
5
6
7
8
R-L
C10 A , C11 B
COMBINATION METER
VSC
SLIP
VSC OFF
ABS
BRAKE
O 3
OIL PRESSURE SENSOR
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-10>
From Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-9><3-10>
V14
VSC WARNING BUZZER
BUZZER
TRC+
TRC-
ENG+
ENG-
NEO
VCM
PMC
E2
BZ
VSCW
IND
WT
WA
EBDW
See Combination Meter System <34-3>
A29
ABS & BA & TRC & VSC ECU WITH ACTUATOR
CSW
SS2
SS1
YGND
YIGA
D/G
TC
TS
J44
JUNCTION CONNECTOR
IM1
V13
VSC OFF SW
(Shielded)
S23
STEERING SENSOR
GND
12V
CAN LOW
CAN HIGH
Y 1
YAW RATE SENSOR
UBAT
CANH
CANL
SIL
CG
D 8
DLC3
J 1(LHD), J27(RHD)
JUNCTION CONNECTOR
IH . Left kick panel(LHD)
IK Right kick panel(RHD)
II Left kick panel(LHD)
IJ Right kick panel(RHD)


ABS
Power Source
*1 1CD-FTV
*2 Except 1CD-FTV
*3 A/T Except 1AZ-FSE
*4 1ZZ-FE 3ZZ-FE, 3S-FE A/T Europe
*5 1AZ-FSE
*6 1ZZ-FE 3ZZ-FE, 3S-FE
D 8 DLC3
J44 JUNCTION CONNECTOR
From Stop Light SW<12-2>
From Speedometer [Comb Meter] <34-8>
5A ECU-IG
10A GAUGE
C10 (A), C11 (B) COMBINATION METER
See Combination Meter System <34-3>
N 1 NEUTRAL START SW
I13 IGNITION SW
A 6 ABS ECU WITH ACTUATOR
A27 ABS SPEED SENSOR REAR RH
A26 ABS SPEED SENSOR REAR LH
A 8 ABS SPEED SENSOR FRONT RH
A 7 ABS SPEED SENSOR FRONT LH
P 2 PARKING BRAKE SW
F15 (A), F17 (C), F20 (F) FUSIBLE LINK BLOCK
40A AM1
BATTERY
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
J 9(LHD), J27(RHD) JUNCTION CONNECTOR
Left kick panel
Right kick panel
Under the headlight RH
Under the headlight LH
Left kick panel(LHD)
Right kick panel(RHD)
W-B
R-B
LG-R
G-W
L
B-R
R-L
B-Y
P-L
R-W
B-W
B-W(*3)
R-L(*3)
L-R(LHD) L (RHD)
V(LHD) L(RHD)
BR(LHD) B (RHD)
R(LHD) B(RHD)
W-R(LHD) W (RHD)
L-W
W(LHD)
W(RHD)
B (*1) B-G(*5) W (*6)
FL MAIN 3 0W(*1 *5) 2 0L(*6)
Shielded
(RHD)
(LHD)

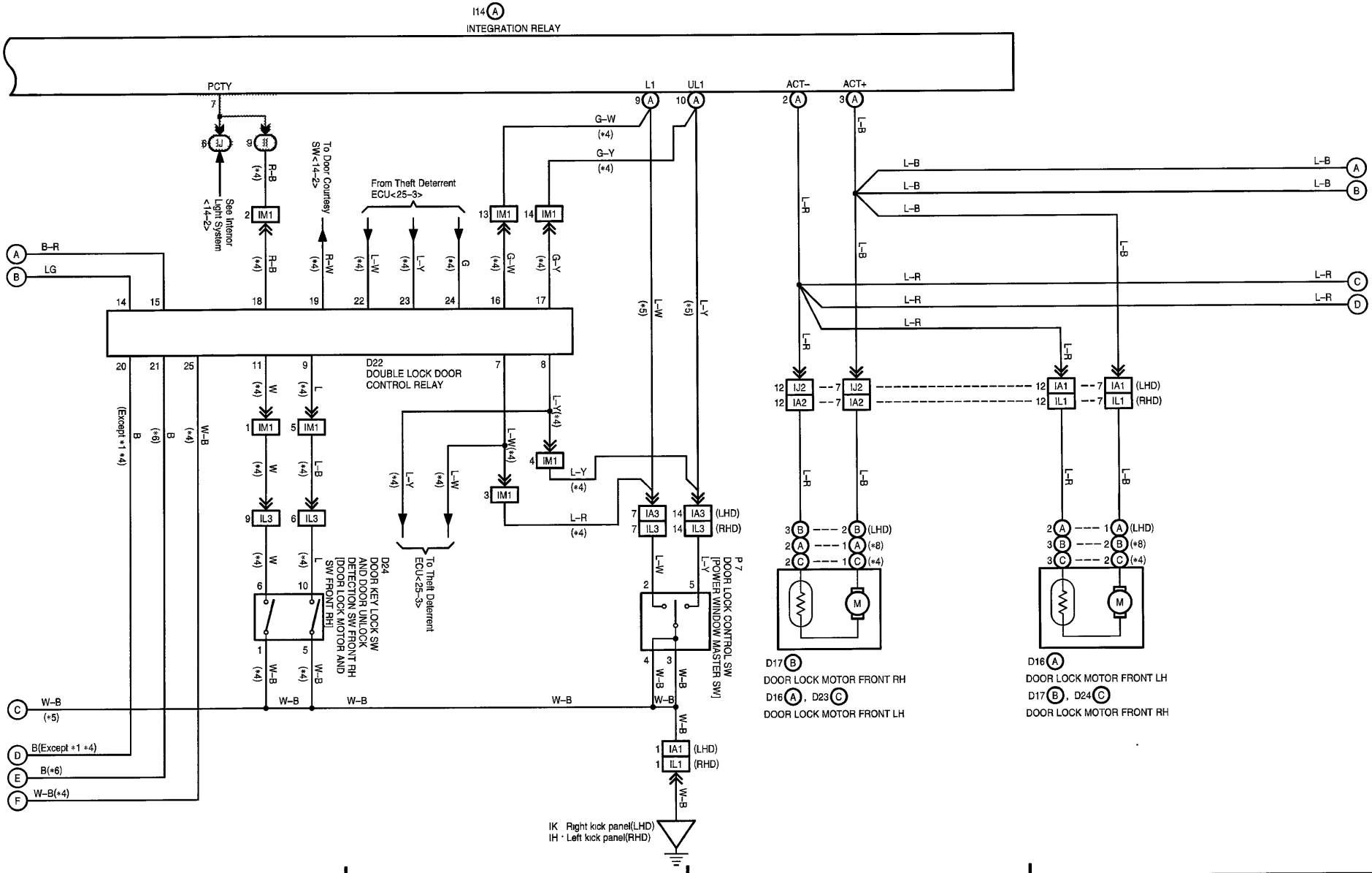

Power Source
SRS
* 1 1CD-FTV
* 2 1AZ-FSE
* 3 w/ Side Airbag
* 4 w/ Curtain Airbag
* 5 1ZZ-FE, 3ZZ-FE, 3S-FE
1
2
3
4
I13
IGNITION SW
ACC
IG1
IG2
ST2
AM1
AM2
10A IGN
15A PIG&RAD
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-1><4-3>
C11
SRS WARNING LIGHT [COMB METER]
40A AM1
30A AM2
10A ECU-B
FUSIBLE LINK BLOCK
F15
F17
FL MAIN
3. 0W(*1 *2)
2 0L(*5)
BATTERY
S15
SIDE AIRBAG SENSOR RH
ESR
FSR
SSR+
VUPR
S14
SIDE AIRBAG SENSOR LH
ESL
FSL
SSL+
VUPL
P13
PRETENSIONER RH
P12
PRETENSIONER LH
C15
CURTAIN AIRBAG SQUIB LH
C16
CURTAIN AIRBAG SQUIB RH
IG2
ACC
GSW2
PR-
PR+
PL-
PL+
ICL+
ICL-
ICR+
ICR-
C 4 (A) , C 5 (B) , C 6 (C)
CENTER AIRBAG SENSOR ASSEMBLY
LA
TC
SIL
SFR-
SFR+
SFL-
SFL+
SR-
SR+
SL-
SL+
P-
P+
D-
D+
E2
E1
J44
JUNCTION CONNECTOR
(LHD)
(RHD)
D 8
DLC3
A/B
S17
SIDE AIRBAG SQUIB RH
S16
SIDE AIRBAG SQUIB LH
F 2
FRONT AIRBAG SENSOR RH
F 1
FRONT AIRBAG SENSOR LH
A23
AIRBAG SQUIB (Front Passenger Airbag Assembly)
A24
AIRBAG SQUIB (Steering Wheel Pad)
SPIRAL CABLE
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
Il . Left kick panel(LHD)
IJ Right kick panel(RHD)

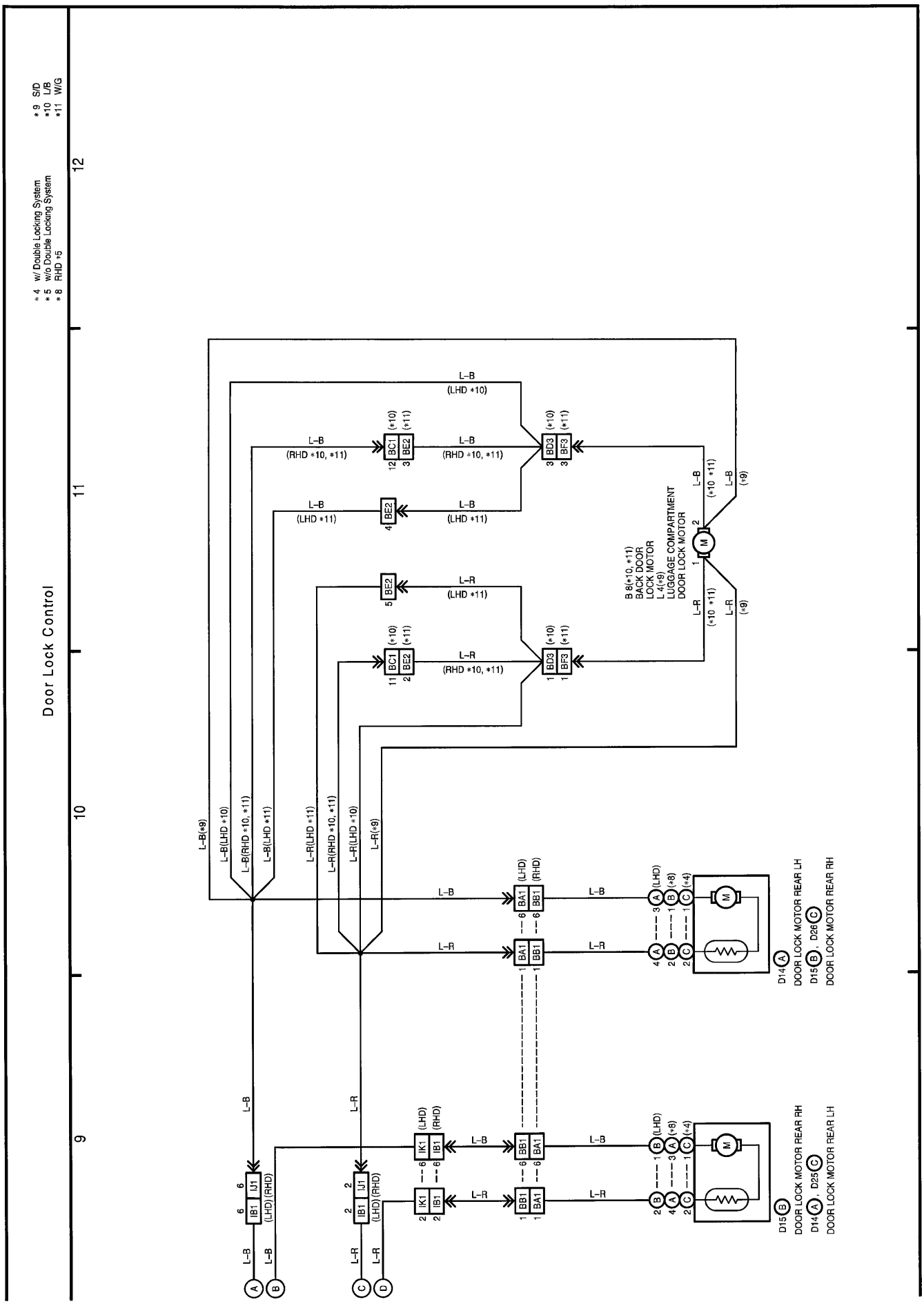

(Cont. next page)
Power Source
Wireless Door Lock Control
Door Lock Control
1
2
3
4
*1 1CD-FTV
*2 1AZ-FSE
*3 1ZZ-FE, 3ZZ-FE, 3S-FE
*4 w/ Double Locking System
*5 w/o Double Locking System
*6 RHD 1CD-FTV
*7 Except RHD 1CD-FTV
*8 RHD *5
See Interior Light System<14-2>
I14 INTEGRATION RELAY
I13 IGNITION SW
ACC
IG1
AM1
5A ECU-IG
10A GAUGE
15A DOOR DL
40A AM1
30A DOOR
7.5A DOME
SHORT PIN
FUSIBLE LINK BLOCK
F15, F17
BATTERY
FL MAIN
W 4 WIRELESS DOOR LOCK ECU
CTY
PCTY
IG
HAZ
KSW
TVSS
D16 DOOR KEY LOCK AND UNLOCK SW FRONT LH
D17 DOOR KEY LOCK AND UNLOCK SW FRONT RH
LOCK
UNLOCK
J3, J24 JUNCTION CONNECTOR
U1 UNLOCK WARNING SW
To Hazard SW <10-1> <11-1>
To Theft Deterrent ECU<26-4>
To Transponder Key ECU<6-2>
From Theft Deterrent ECU <25-3>
From Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-12> <4-7>
From Transponder Key ECU <5-3>
From Theft Deterrent ECU <25-4>
I1(LHD), J27(RHD) JUNCTION CONNECTOR
Left kick panel(LHD)
Right kick panel(RHD)

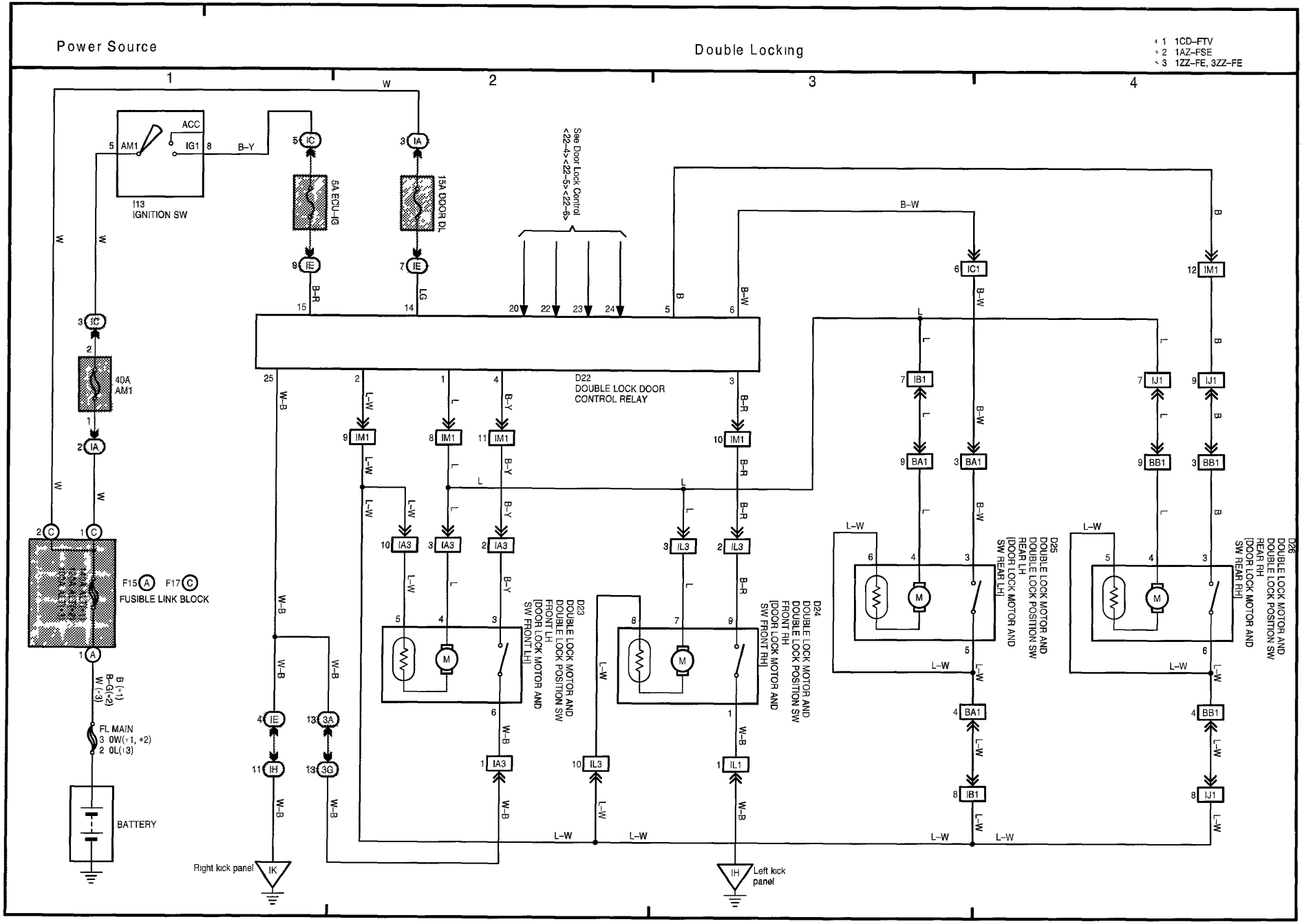
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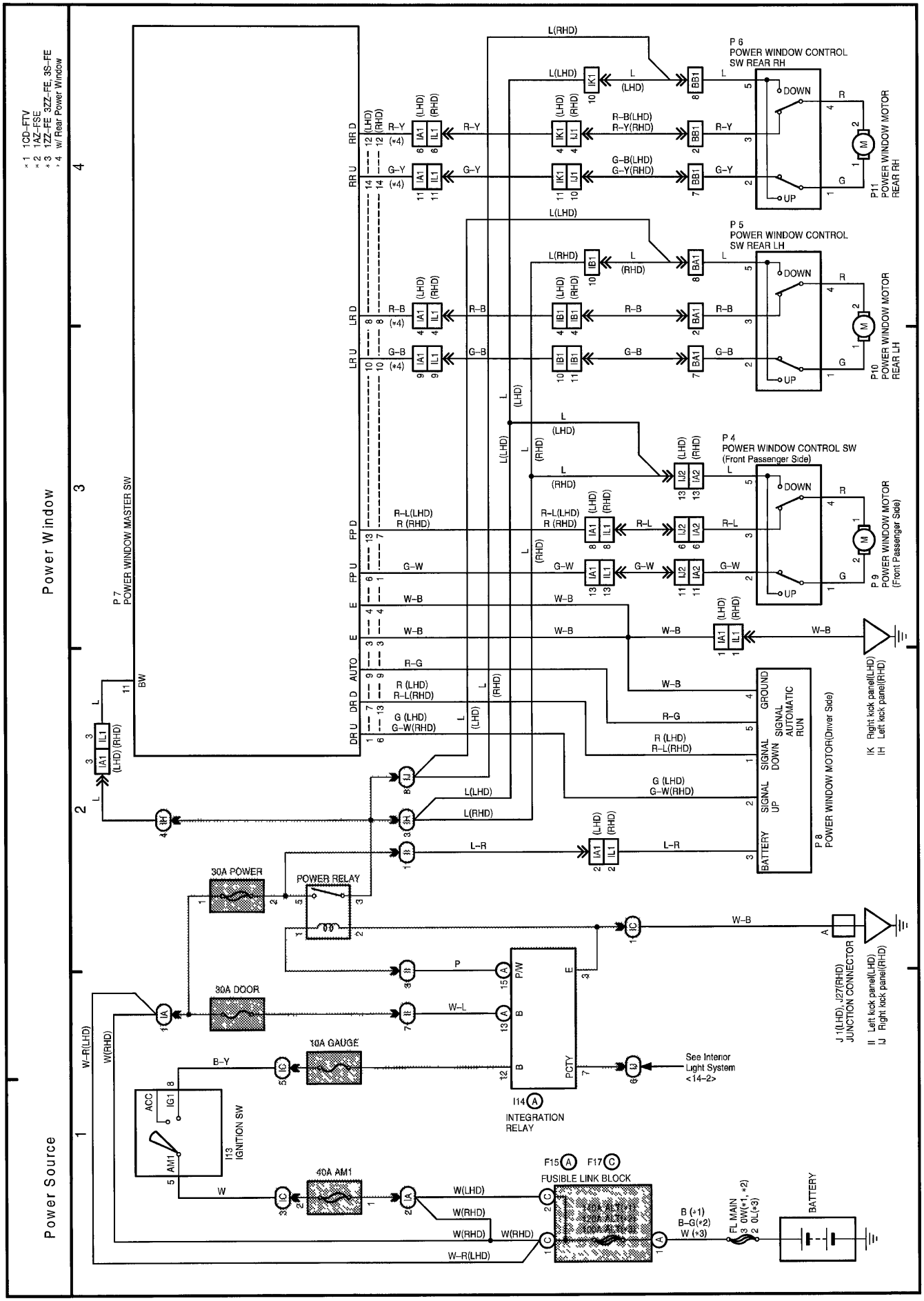
* 1 1CD–FTV
* 4 w/ Double Locking System
* 5 w/o Double Locking System
* 6 RHD 1CD–FTV
* 8 RHD *5

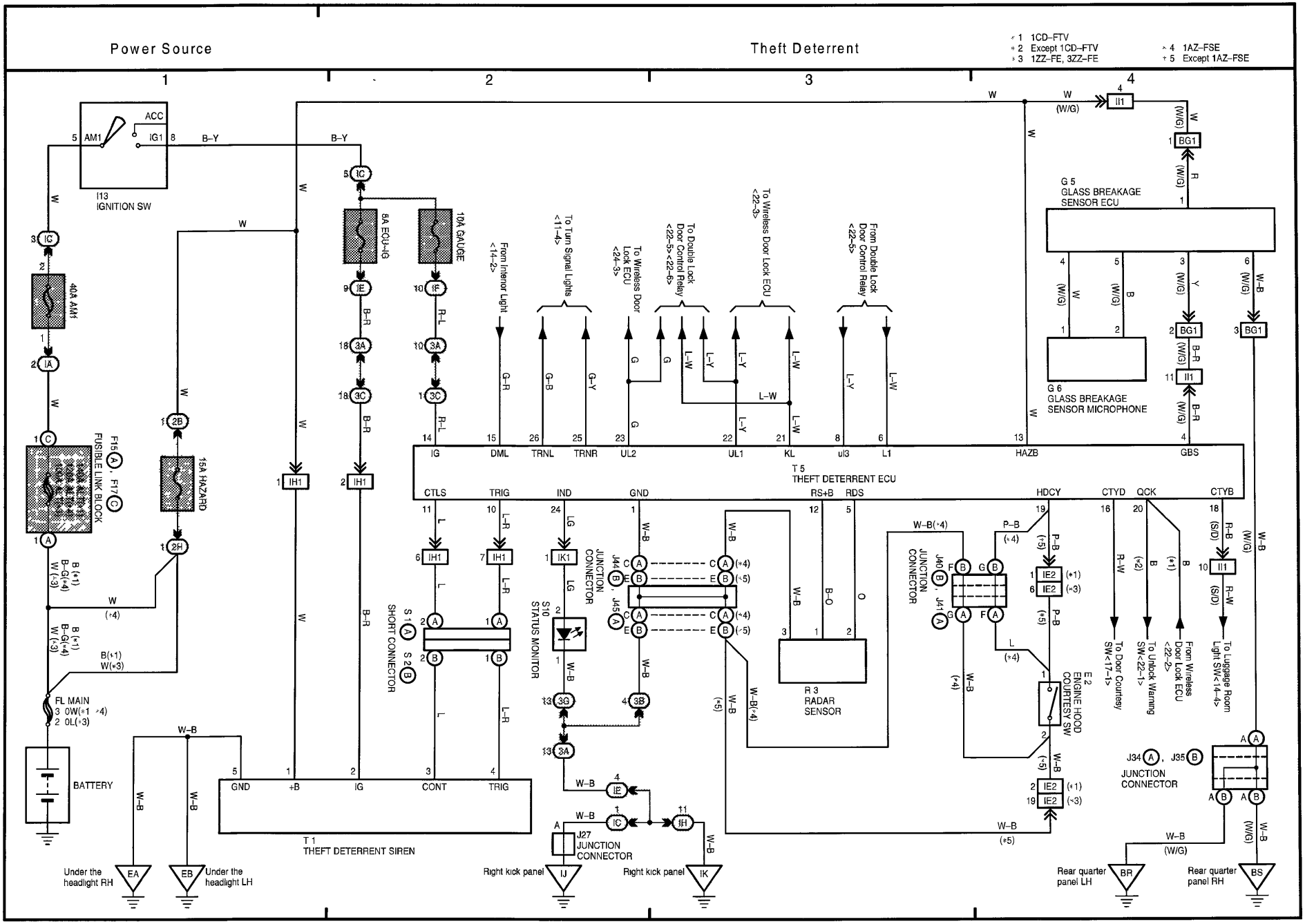
Door Lock Control



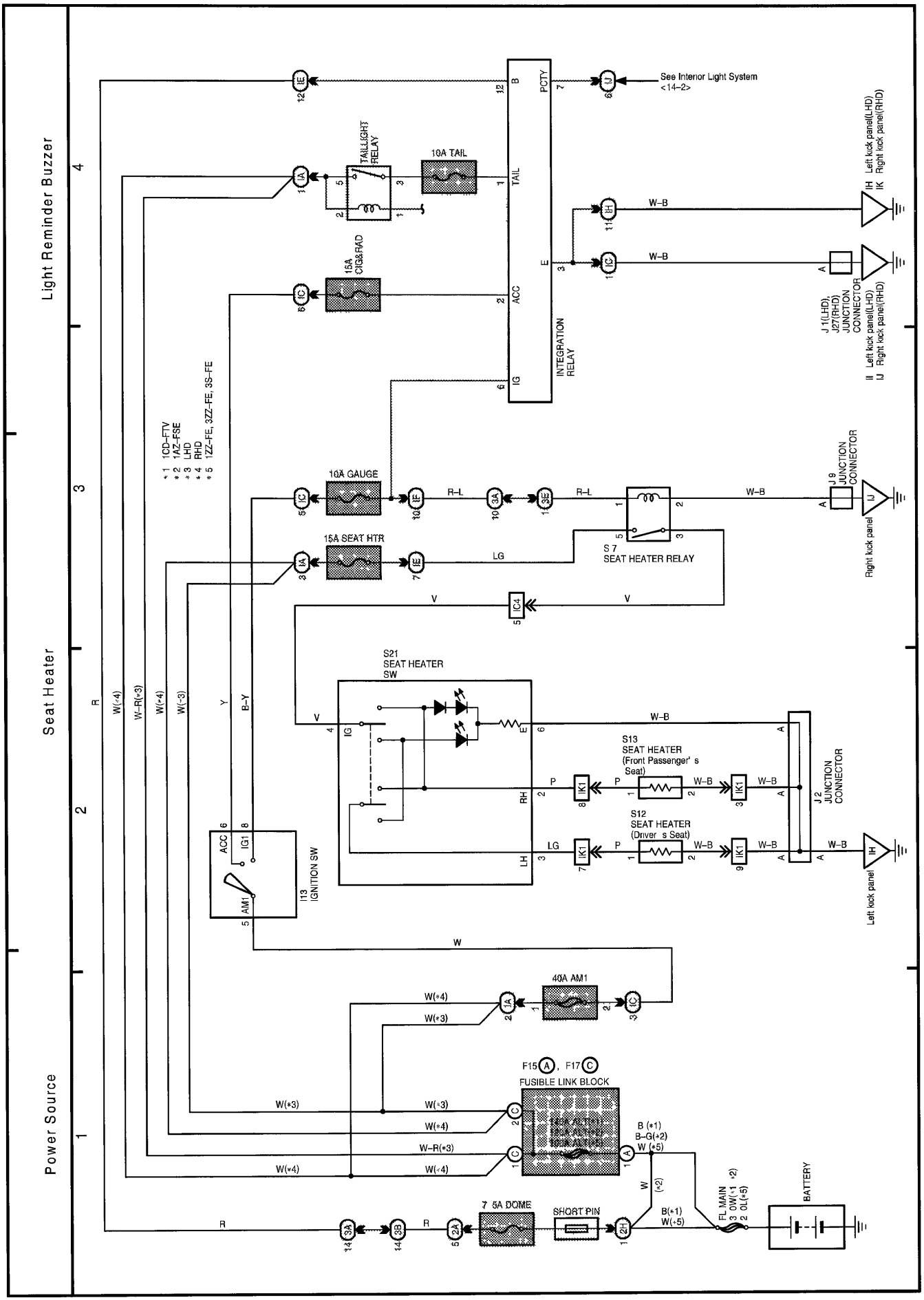

Door Lock Control
9
10
11
12
*4 w/ Double Locking System
*5 w/o Double Locking System
*8 RHD *5
*9 S/D
*10 L/B
*11 W/G
L–B(*9)
L–B(LHD *10)
L–B(RHD *10, *11)
L–B(LHD *11)
L–R(LHD *11)
L–R(RHD *10, *11)
L–R(LHD *10)
L–R(*9)
L–B
(LHD *10)
L–B
(RHD *10, *11)
L–B
(LHD *11)
L–R
(LHD *11)
L–R
(RHD *10, *11)
BC1
BE2
BD3
BF3
(*10)
(*11)
B 8(*10, *11)
BACK DOOR
LOCK MOTOR
L 4(*9)
LUGGAGE COMPARTMENT
DOOR LOCK MOTOR
(*10 *11)
(*9)
IB1
IJ1
(LHD)
(RHD)
IK1
BA1
BB1
(*6)
(*4)
D14 (A)
DOOR LOCK MOTOR REAR LH
D15 (B), D26 (C)
DOOR LOCK MOTOR REAR RH
D15 (B)
DOOR LOCK MOTOR REAR RH
D14 (A), D25 (C)
DOOR LOCK MOTOR REAR LH

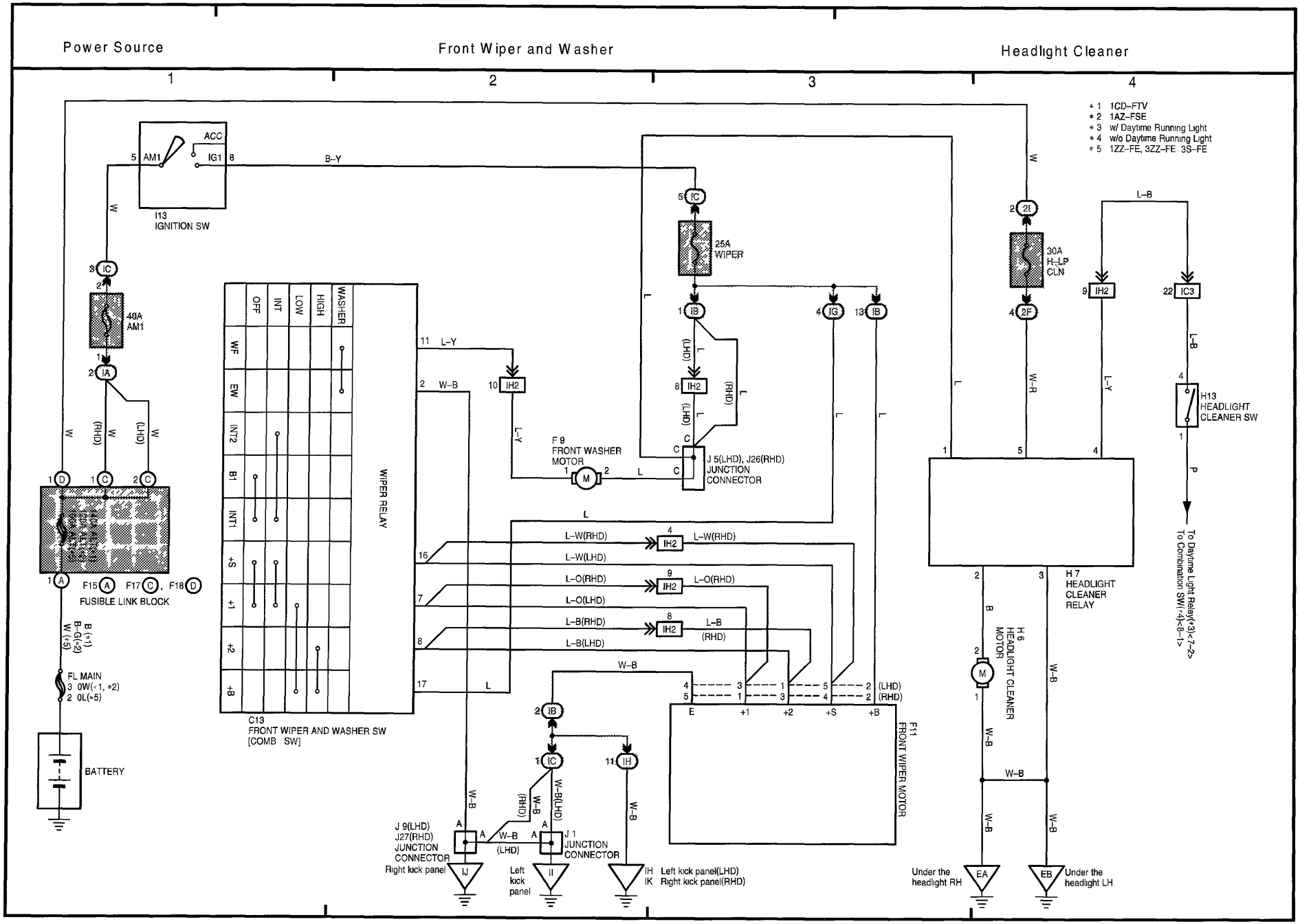

Power Source
Double Locking
*1 1CD-FTV
*2 1AZ-FSE
*3 1ZZ-FE, 3ZZ-FE
1
2
3
4
ACC
IG1
AM1
B-Y
I13
IGNITION SW
5A ECU-IG
15A DOOR CL
See Door Lock Control <22-4><22-5><22-6>
D22
DOUBLE LOCK DOOR CONTROL RELAY
40A AM1
F15 A F17 C
FUSIBLE LINK BLOCK
FL MAIN
3 0W(*1, *2)
2 0L(*3)
BATTERY
D23
DOUBLE LOCK MOTOR AND DOUBLE LOCK POSITION SW FRONT LH [DOOR LOCK MOTOR AND SW FRONT LH]
D24
DOUBLE LOCK MOTOR AND DOUBLE LOCK POSITION SW FRONT RH [DOOR LOCK MOTOR AND SW FRONT RH]
D25
DOUBLE LOCK MOTOR AND DOUBLE LOCK POSITION SW REAR LH [DOOR LOCK MOTOR AND SW REAR LH]
D26
DOUBLE LOCK MOTOR AND DOUBLE LOCK POSITION SW REAR RH [DOOR LOCK MOTOR AND SW REAR RH]
Right kick panel
Left kick panel


Power Source
Power Window
1CD-FTV
1AZ-FSE
1ZZ-FE 3ZZ-FE 3S-FE
w/ Rear Power Window
P 7
POWER WINDOW MASTER SW
P 6
POWER WINDOW CONTROL SW REAR RH
P11
POWER WINDOW MOTOR REAR RH
P 5
POWER WINDOW CONTROL SW REAR LH
P10
POWER WINDOW MOTOR REAR LH
P 4
POWER WINDOW CONTROL SW (Front Passenger Side)
P 9
POWER WINDOW MOTOR (Front Passenger Side)
P 8
POWER WINDOW MOTOR(Driver Side)
GROUND
SIGNAL AUTOMATIC RUN
SIGNAL DOWN
SIGNAL UP
BATTERY
DOWN
UP
30A POWER
POWER RELAY
30A DOOR
10A GAUGE
40A AM1
I13
IGNITION SW
ACC
IG1
AM1
I14
INTEGRATION RELAY
P/W
POTY
F15
F17
FUSIBLE LINK BLOCK
50A ALT-S
100A ALT-S
100A ALT-S
BATTERY
FL MAIN
See Interior Light System <14-2>
J1(LHD), J27(RHD)
JUNCTION CONNECTOR
II Left kick panel(LHD)
IJ Right kick panel(RHD)
IK Right kick panel(LHD)
IH Left kick panel(RHD)

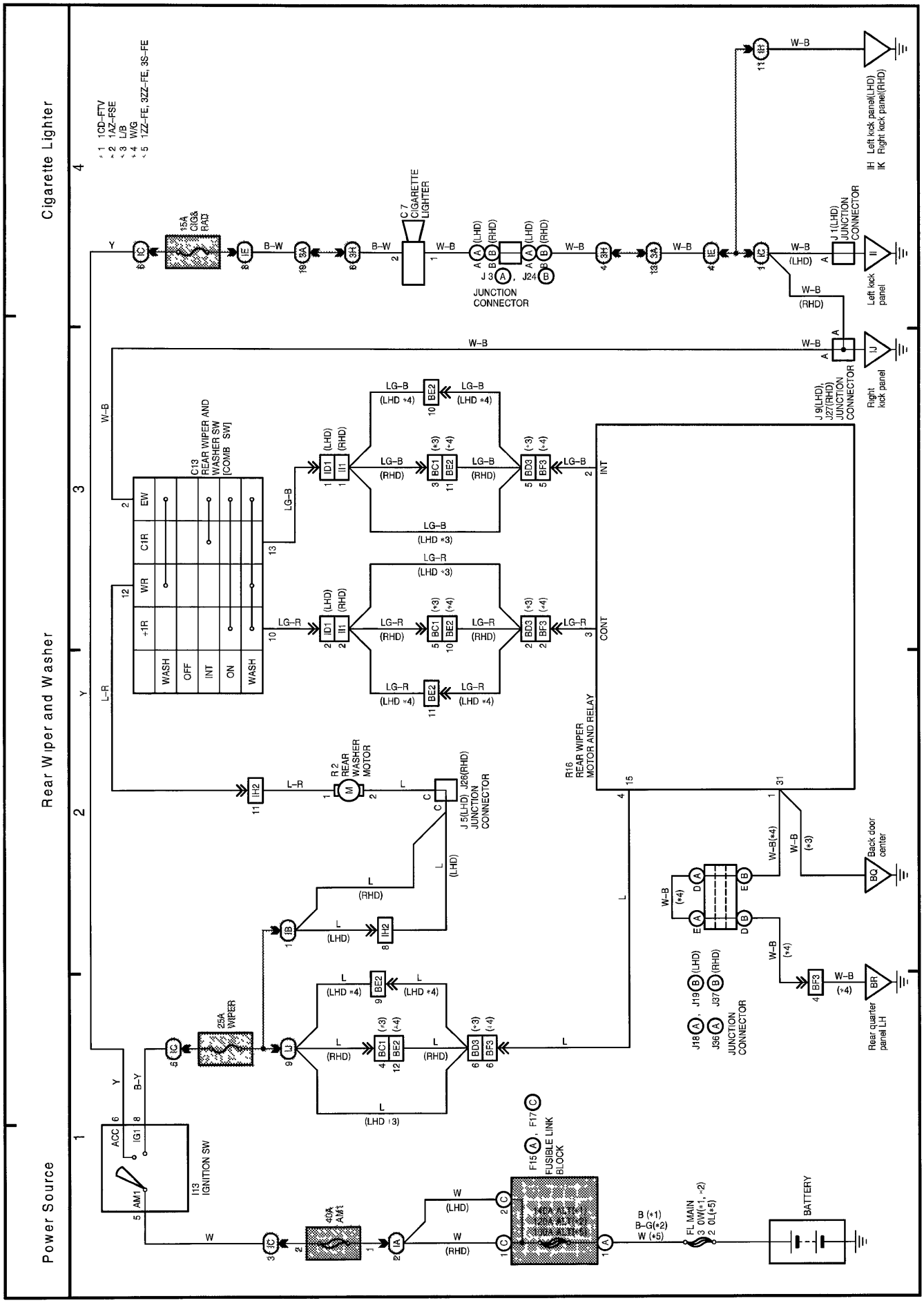

Power Source
Theft Deterrent
*1 1CD-FTV
*2 Except 1CD-FTV
*3 1ZZ-FE, 3ZZ-FE
*4 1AZ-FSE
*5 Except 1AZ-FSE
I13 IGNITION SW
40A AM1
5A ECU-IG
10A GAUGE
15A HAZARD
FUSIBLE LINK BLOCK
FL MAIN
BATTERY
T 1 THEFT DETERRENT SIREN
T 5 THEFT DETERRENT ECU
G 5 GLASS BREAKAGE SENSOR ECU
G 6 GLASS BREAKAGE SENSOR MICROPHONE
R 3 RADAR SENSOR
E 2 ENGINE HOOD COURTESY SW
S 1 SHORT CONNECTOR
S 2
S10 STATUS MONITOR
J27 JUNCTION CONNECTOR
J34 , J35 JUNCTION CONNECTOR
J40 , J41 JUNCTION CONNECTOR
J44 , J45 JUNCTION CONNECTOR
From Interior Light <14-2>
To Turn Signal Lights <11-4>
To Wireless Door Lock ECU <24-3>
To Double Lock Door Control Relay <22-5><22-6>
To Wireless Door Lock ECU <22-3>
From Double Lock Door Control Relay <22-5>
To Door Courtesy SW<17-1>
To Unlock Warning SW<22-1>
From Wireless Door Lock ECU <22-2>
To Luggage Room Light SW<14-4>
Under the headlight RH
Under the headlight LH
Right kick panel
Right kick panel
Rear quarter panel LH
Rear quarter panel RH
IG DML TRNL TRNR UL2 UL1 KL ul3 L1 HAZB GBS
CTLS TRIG IND GND RS+B RDS HDCY CTYD QCK CTYB
GND +B IG CONT TRIG

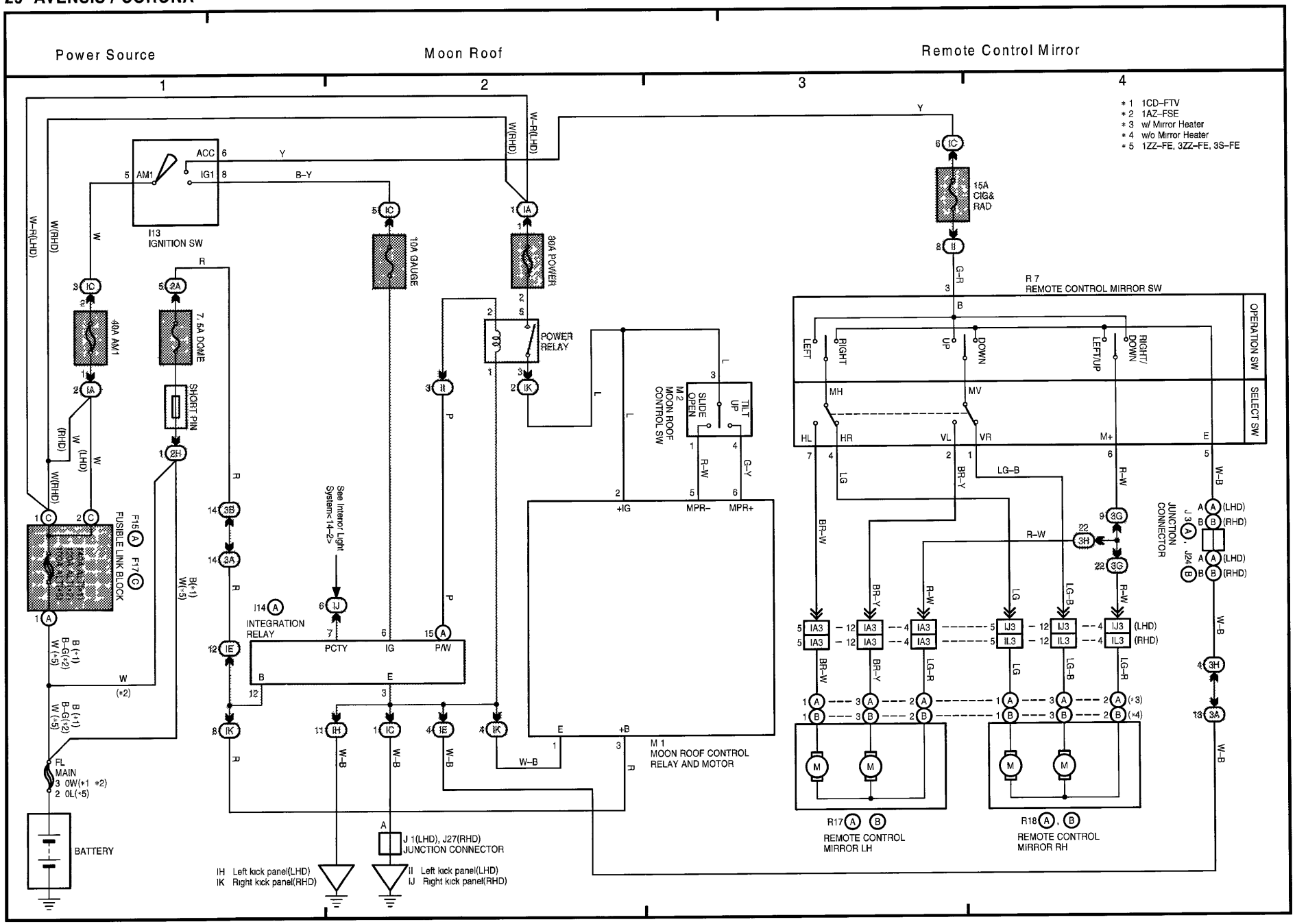
I OVERALL ELECTRICAL WIRING DIAGRAM



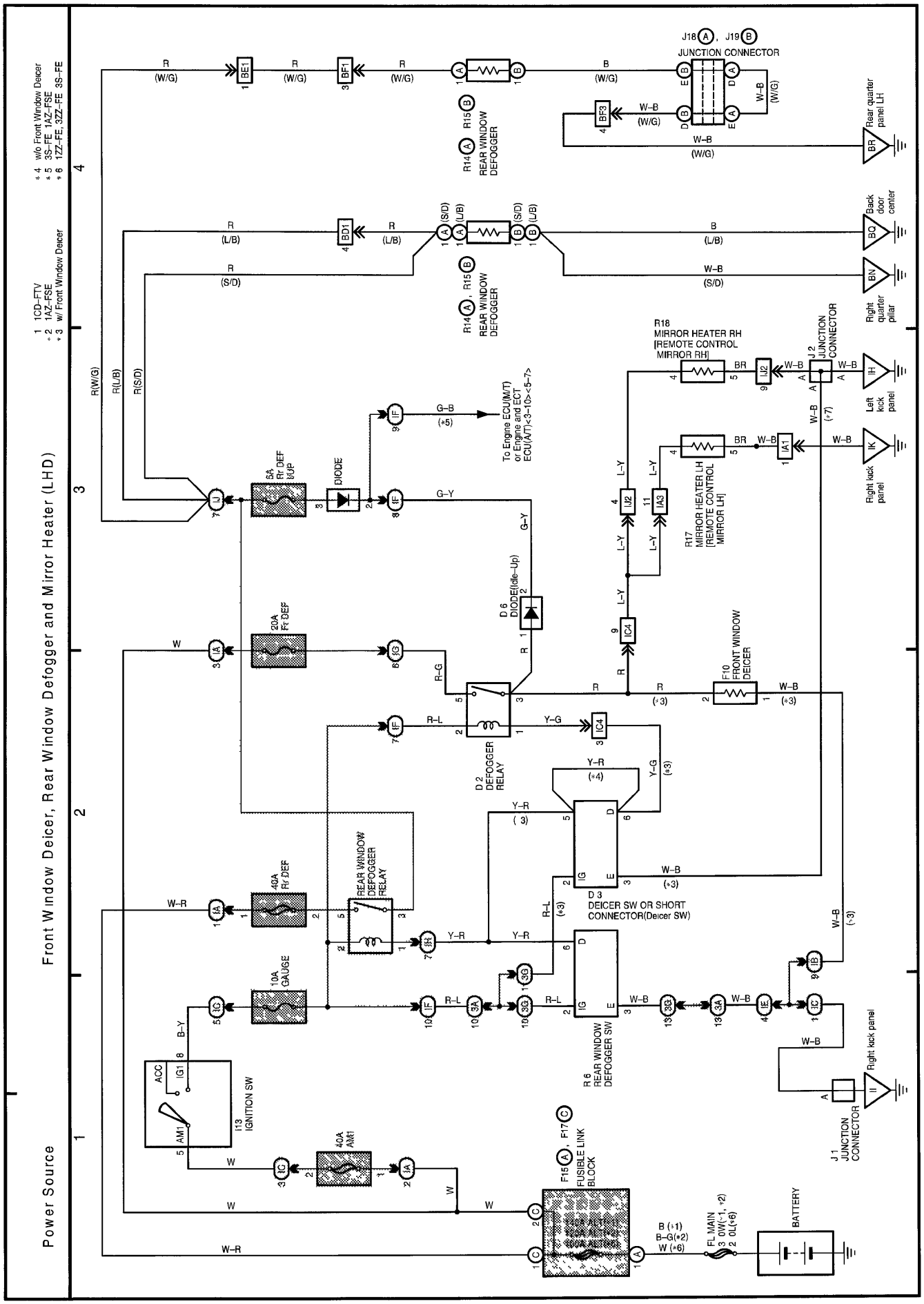

Power Source
Front Wiper and Washer
Headlight Cleaner
1
2
3
4
* 1 1CD-FTV
* 2 1AZ-FSE
* 3 w/ Daytime Running Light
* 4 w/o Daytime Running Light
* 5 1ZZ-FE, 3ZZ-FE 3S-FE
I13
IGNITION SW
ACC
IG1
AM1
B-Y
25A
WIPER
30A
H-LP
CLN
40A
AM1
F9
FRONT WASHER
MOTOR
J 5(LHD), J26(RHD)
JUNCTION
CONNECTOR
H13
HEADLIGHT
CLEANER SW
H7
HEADLIGHT
CLEANER
RELAY
H6
HEADLIGHT CLEANER
MOTOR
C13
FRONT WIPER AND WASHER SW
[COMB SW]
OFF
INT
LOW
HIGH
WASHER
WF
EW
INT2
B1
INT1
+S
+1
+2
+B
WIPER RELAY
L-W(RHD)
L-W(LHD)
L-O(RHD)
L-O(LHD)
L-B(RHD)
L-B(LHD)
L-B
(RHD)
W-B
L-Y
L-B
W-R
L-Y
P
To Daytime Light Relay(*3)<7-2>
To Combination SW(*4)<8-1>
F15 A F17 C, F18 D
FUSIBLE LINK BLOCK
FL MAIN
BATTERY
F11
FRONT WIPER MOTOR
E
+1
+2
+S
+B
(LHD)
(RHD)
J 9(LHD)
J27(RHD)
JUNCTION
CONNECTOR
Right kick panel
J 1
JUNCTION
CONNECTOR
Left
kick
panel
IH Left kick panel(LHD)
IK Right kick panel(RHD)
Under the
headlight RH
Under the
headlight LH
EA
EB

I OVERALL ELECTRICAL WIRING DIAGRAM




Power Source
Moon Roof
Remote Control Mirror
1
2
3
4
* 1 1CD-FTV
* 2 1AZ-FSE
* 3 w/ Mirror Heater
* 4 w/o Mirror Heater
* 5 1ZZ-FE, 3ZZ-FE, 3S-FE
I13 IGNITION SW
ACC
IG1
AM1
10A GAUGE
30A POWER
POWER RELAY
40A AM1
7.5A DOME
SHORT PIN
15A CIG& RAD
R7 REMOTE CONTROL MIRROR SW
OPERATION SW
SELECT SW
LEFT
RIGHT
UP
DOWN
LEFT/UP
RIGHT/DOWN
MH
MV
HL
HR
VL
VR
M+
E
M2 MOON ROOF CONTROL SW
SLIDE OPEN
TILT UP
+IG
MPR-
MPR+
M1 MOON ROOF CONTROL RELAY AND MOTOR
I14 INTEGRATION RELAY
PCTY
IG
P/W
See Interior Light System<14-2>
FUSIBLE LINK BLOCK
F15
F17
FL MAIN
3 0W(*1 *2)
2 0L(*5)
BATTERY
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
IH Left kick panel(LHD)
IK Right kick panel(RHD)
II Left kick panel(LHD)
IJ Right kick panel(RHD)
R17 REMOTE CONTROL MIRROR LH
R18 REMOTE CONTROL MIRROR RH
J 3, J24 JUNCTION CONNECTOR
(LHD)
(RHD)

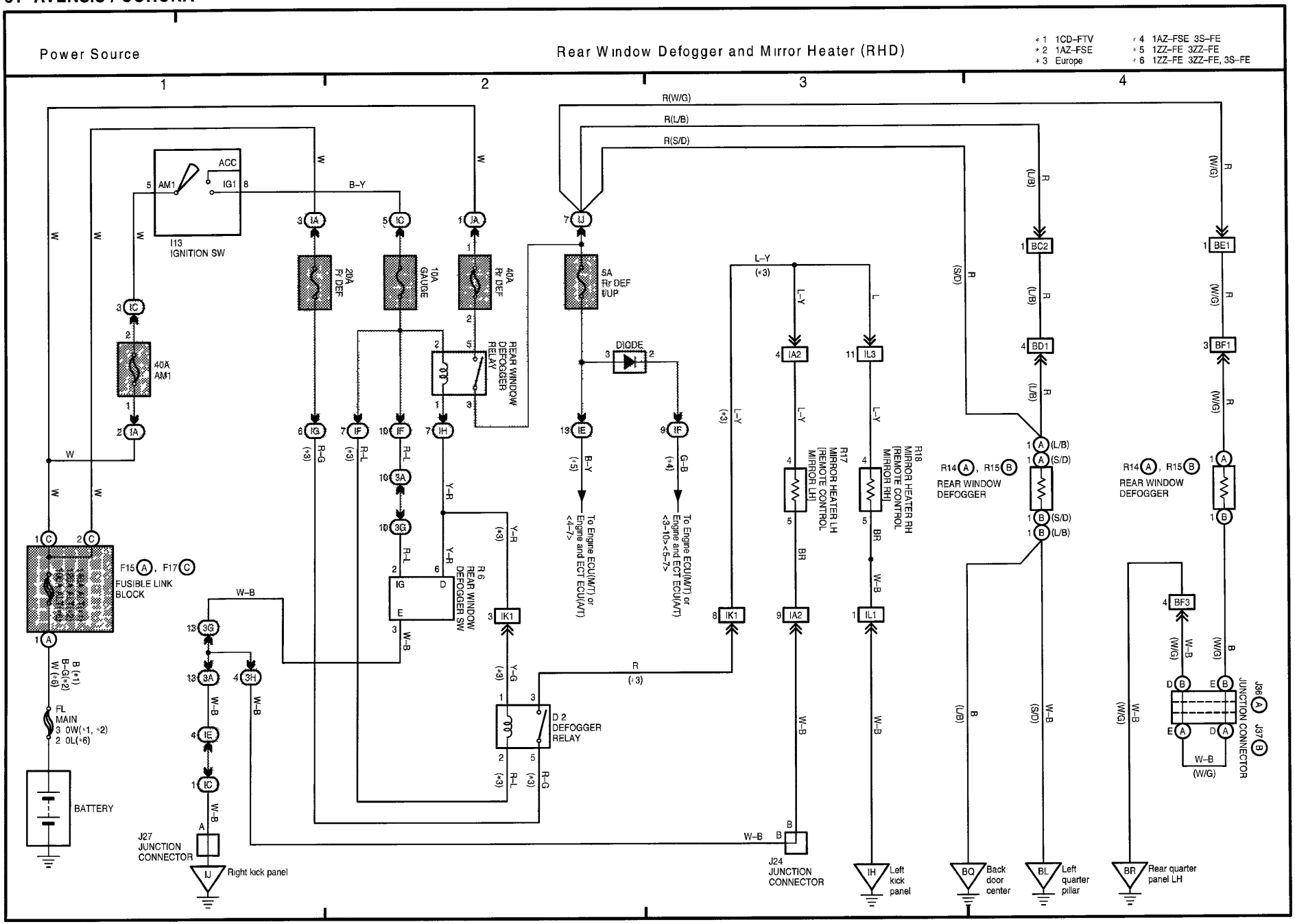
I OVERALL ELECTRICAL WIRING DIAGRAM



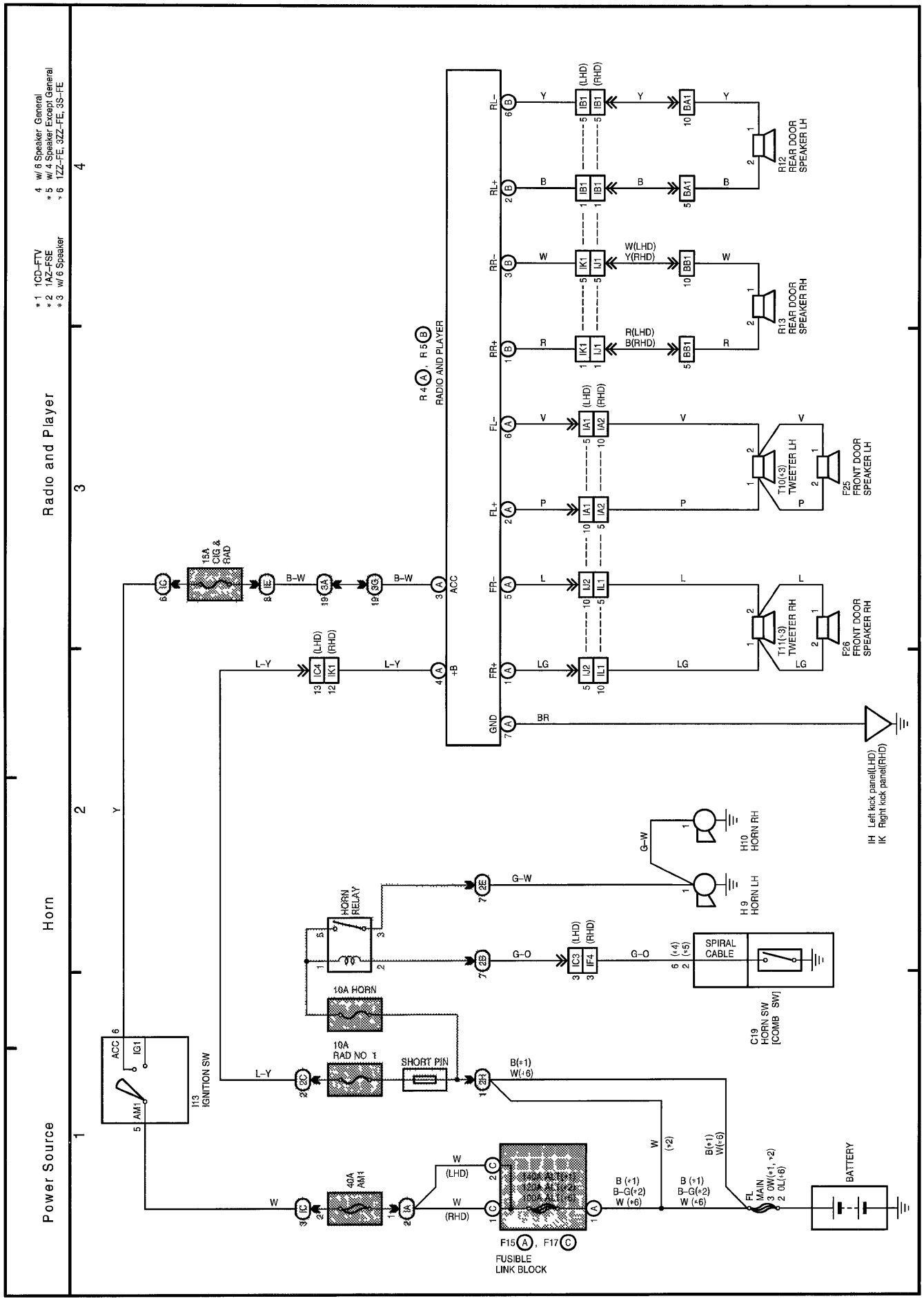
Power Source

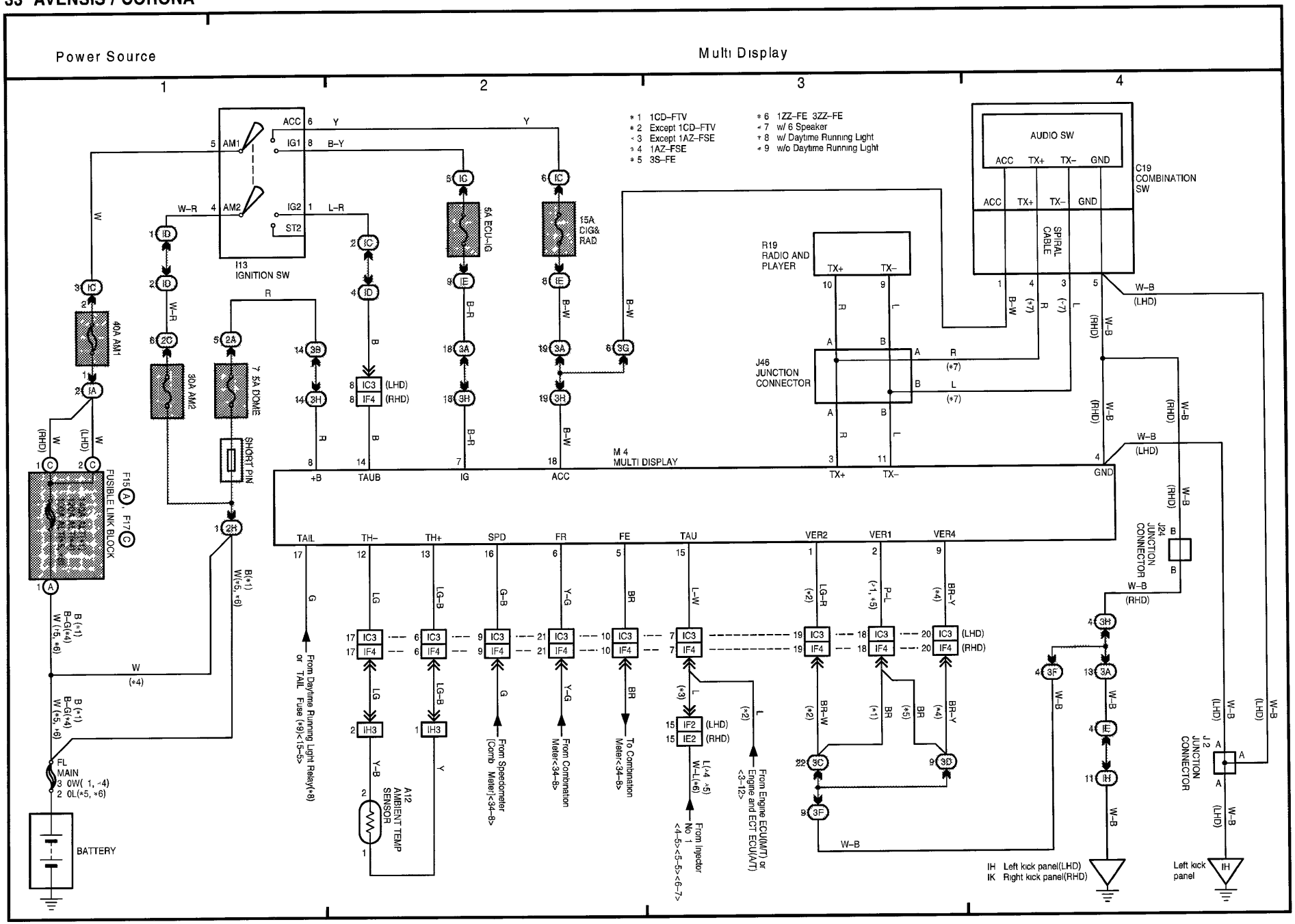
Rear Window Defogger and Mirror Heater (RHD)

*1 1CD-FTV
*2 1AZ-FSE
*3 Europe
*4 1AZ-FSE 3S-FE
*5 1ZZ-FE 3ZZ-FE
*6 1ZZ-FE 3ZZ-FE, 3S-FE



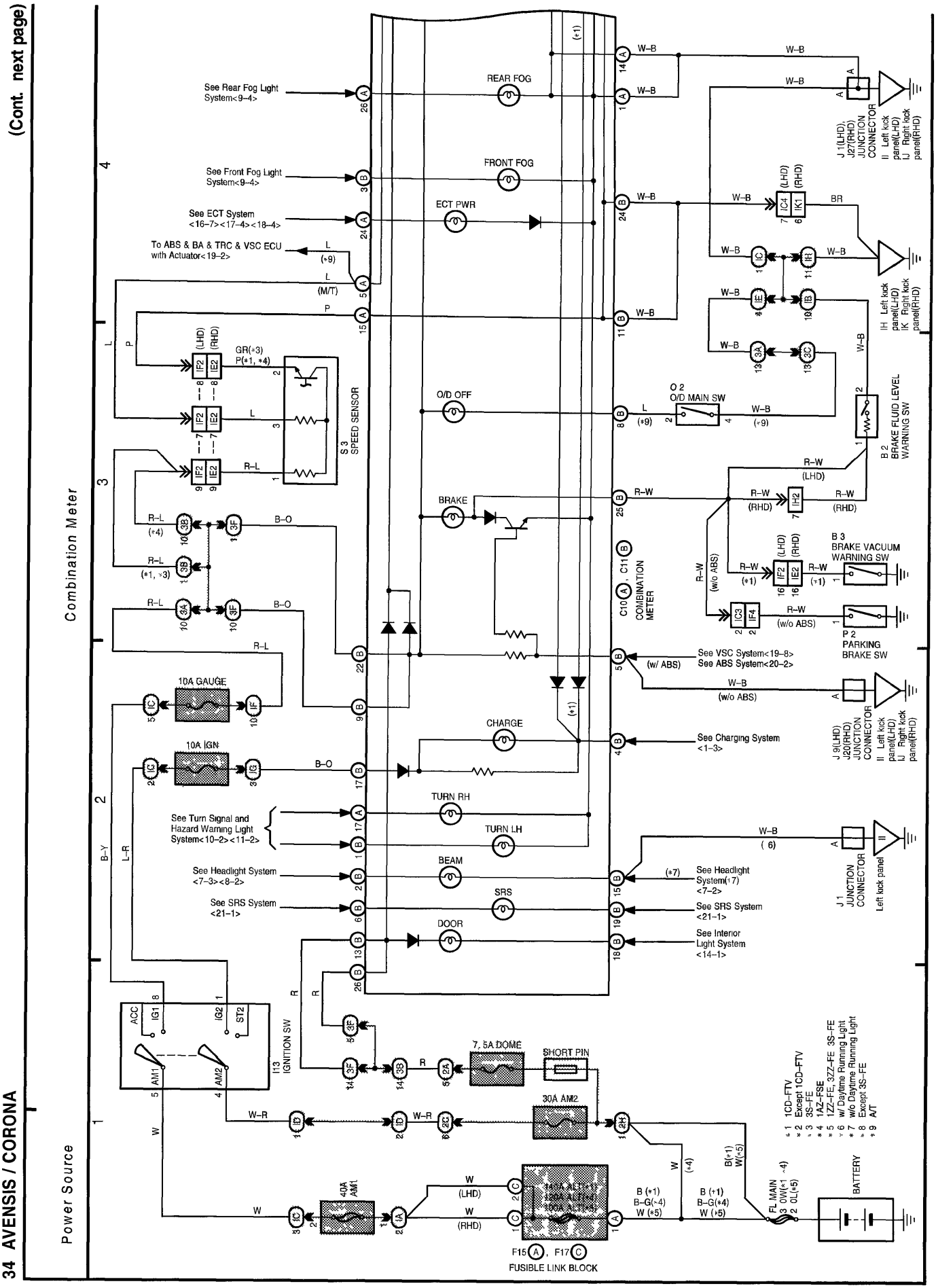
I OVERALL ELECTRICAL WIRING DIAGRAM

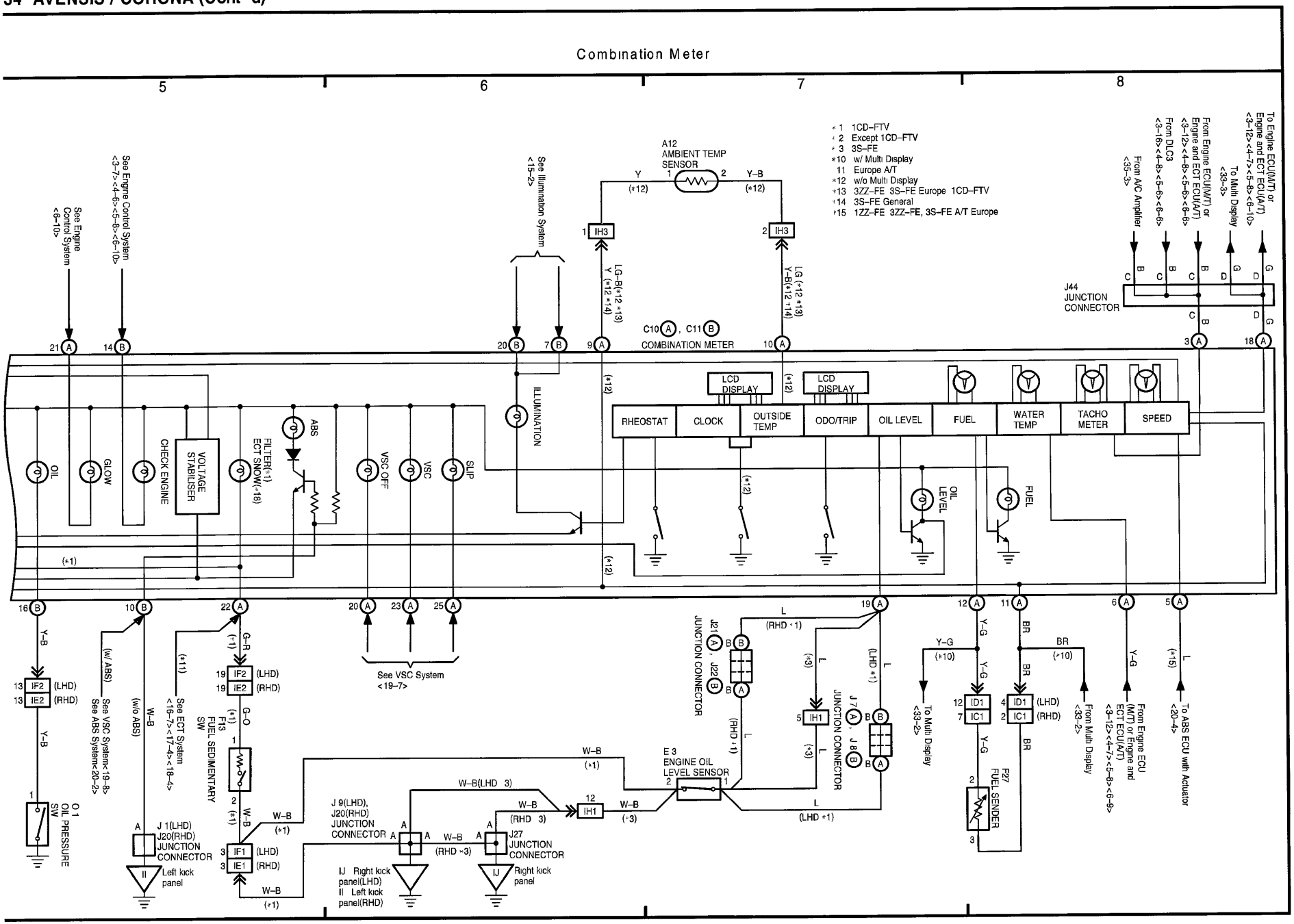



Power Source
Multi Display
1
2
3
4
*1 1CD-FTV
*2 Except 1CD-FTV
*3 Except 1AZ-FSE
*4 1AZ-FSE
*5 3S-FE
*6 1ZZ-FE 3ZZ-FE
*7 w/ 6 Speaker
*8 w/ Daytime Running Light
*9 w/o Daytime Running Light
I13 IGNITION SW
ACC
IG1
IG2
ST2
AM1
AM2
40A AM1
30A AM2
7.5A DOME
SHORT PIN
FUSIBLE LINK BLOCK
F15 (A), F17 (C)
FL MAIN
3 0W(1, *4)
2 0L(*5, *6)
BATTERY
5A ECU-IG
15A DIG& RAD
M 4 MULTI DISPLAY
+B
TAUB
IG
ACC
R19 RADIO AND PLAYER
TX+
TX-
J46 JUNCTION CONNECTOR
AUDIO SW
GND
C19 COMBINATION SW
SPIRAL CABLE
W-B (LHD)
W-B (RHD)
J24 JUNCTION CONNECTOR
J2 JUNCTION CONNECTOR
TAIL
TH-
TH+
SPD
FR
FE
TAU
VER2
VER1
VER4
From Daytime Running Light Relay(*8) or TAIL Fuse (*9)<15-5>
A12 AMBIENT TEMP SENSOR
From Speedometer [Comb Meter]<34-8>
From Combination Meter<34-6>
To Combination Meter<34-8>
From Injector No. 1 <4-5><5-5><6-7>
From Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-12>
IH Left kick panel(LHD)
IK Right kick panel(RHD)
Left kick panel

I OVERALL ELECTRICAL WIRING DIAGRAM

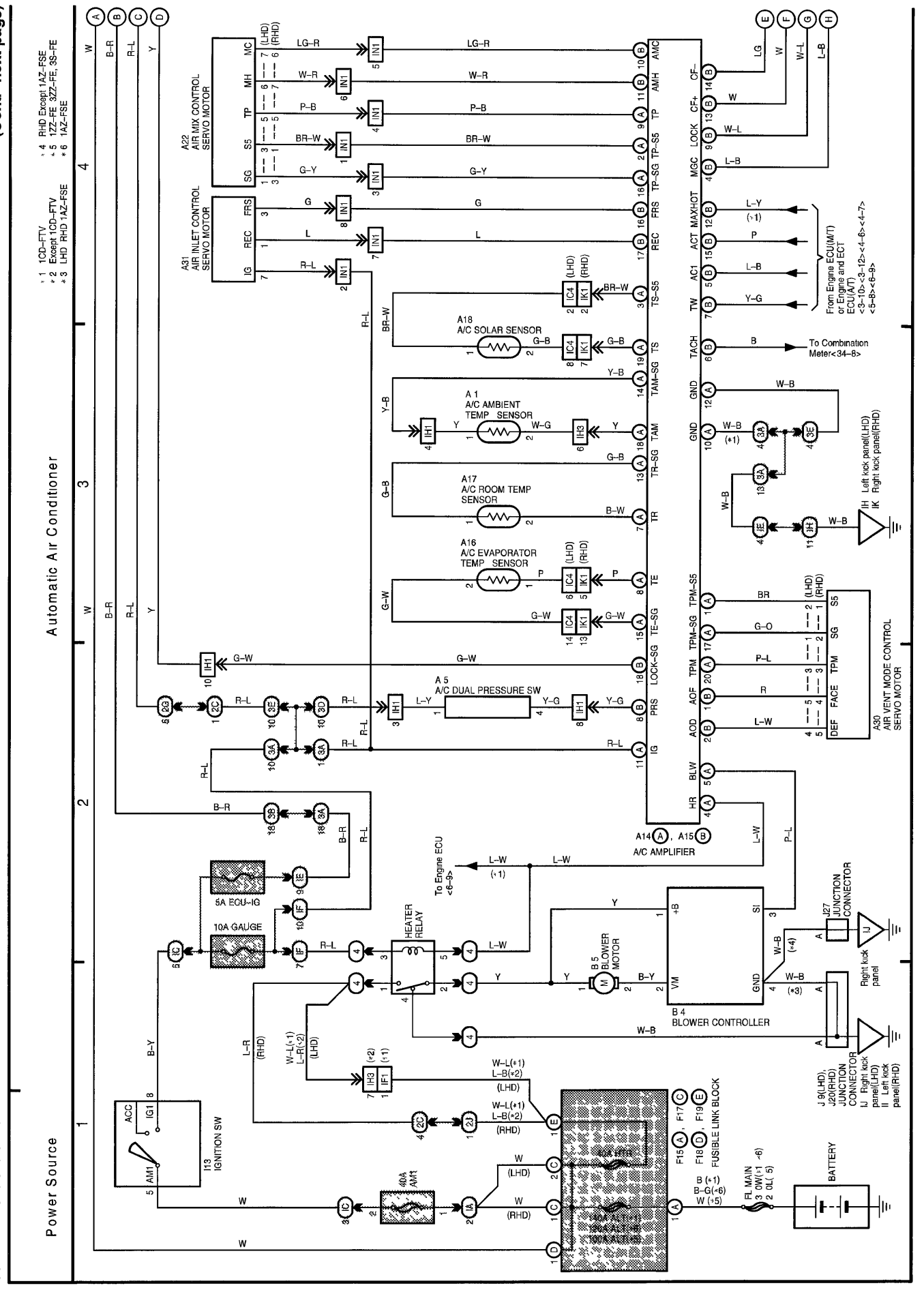
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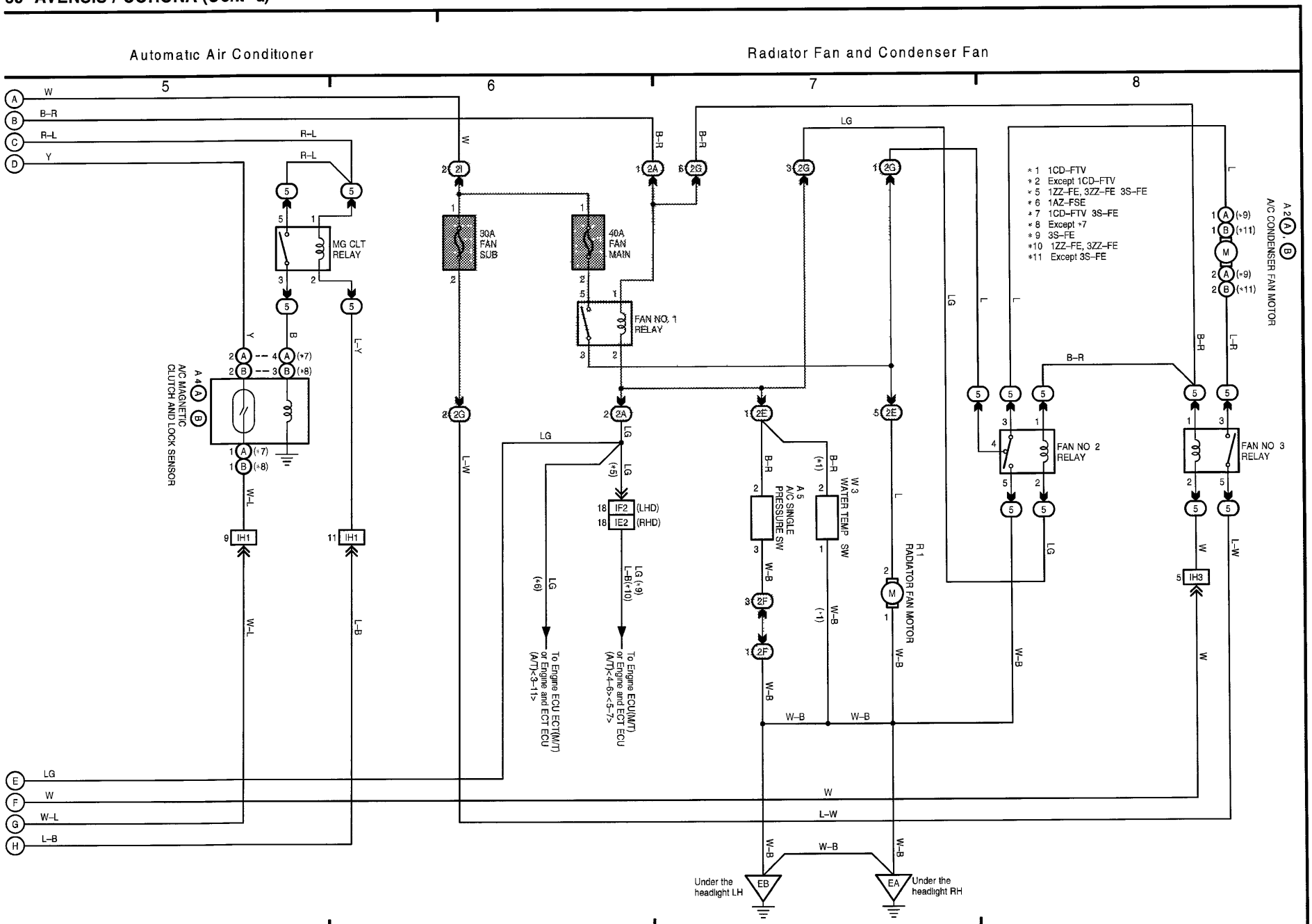



Combination Meter
5
6
7
8
*1 1CD-FTV
*2 Except 1CD-FTV
*3 3S-FE
*10 w/ Multi Display
11 Europe A/T
*12 w/o Multi Display
*13 3ZZ-FE 3S-FE Europe 1CD-FTV
*14 3S-FE General
*15 1ZZ-FE 3ZZ-FE, 3S-FE A/T Europe
A12 AMBIENT TEMP SENSOR
C10 (A), C11 (B) COMBINATION METER
J44 JUNCTION CONNECTOR
From A/C Amplifier <35-3>
From DLC3 <3-16><4-8><5-6><6-6>
From Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-12><4-8><5-6><6-8>
To Multi Display <39-3>
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-12><4-7><5-8><6-10>
See Engine Control System <6-10>
See Engine Control System <3-7><4-6><5-8><6-10>
See Illumination System <15-2>
ILLUMINATION
LCD DISPLAY
RHEOSTAT
CLOCK
OUTSIDE TEMP
ODO/TRIP
OIL LEVEL
FUEL
WATER TEMP
TACHO METER
SPEED
OIL
GLOW
CHECK ENGINE
VOLTAGE STABILISER
FILTER(*1) ECT SNOW(*18)
ABS
VSC OFF
VSC
SLIP
See VSC System <19-7>
J2 (A), J22 (B) JUNCTION CONNECTOR
J7 (A), J8 (B) JUNCTION CONNECTOR
E3 ENGINE OIL LEVEL SENSOR
O1 OIL PRESSURE SW
F13 FUEL SEDIMENTARY SW
F27 FUEL SENDER
J1(LHD) J20(RHD) JUNCTION CONNECTOR
J9(LHD), J20(RHD) JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
Left kick panel
IJ Right kick panel(LHD)
II Left kick panel(RHD)
Right kick panel
See VSC System<19-8> See ABS System<20-2>
See ECT System <16-7><17-4><18-4>
To Multi Display <39-2>
From Multi Display <39-2>
From Engine ECU (M/T) or Engine and ECT ECU(A/T) <3-12><4-7><5-8><6-9>
To ABS ECU with Actuator <20-4>

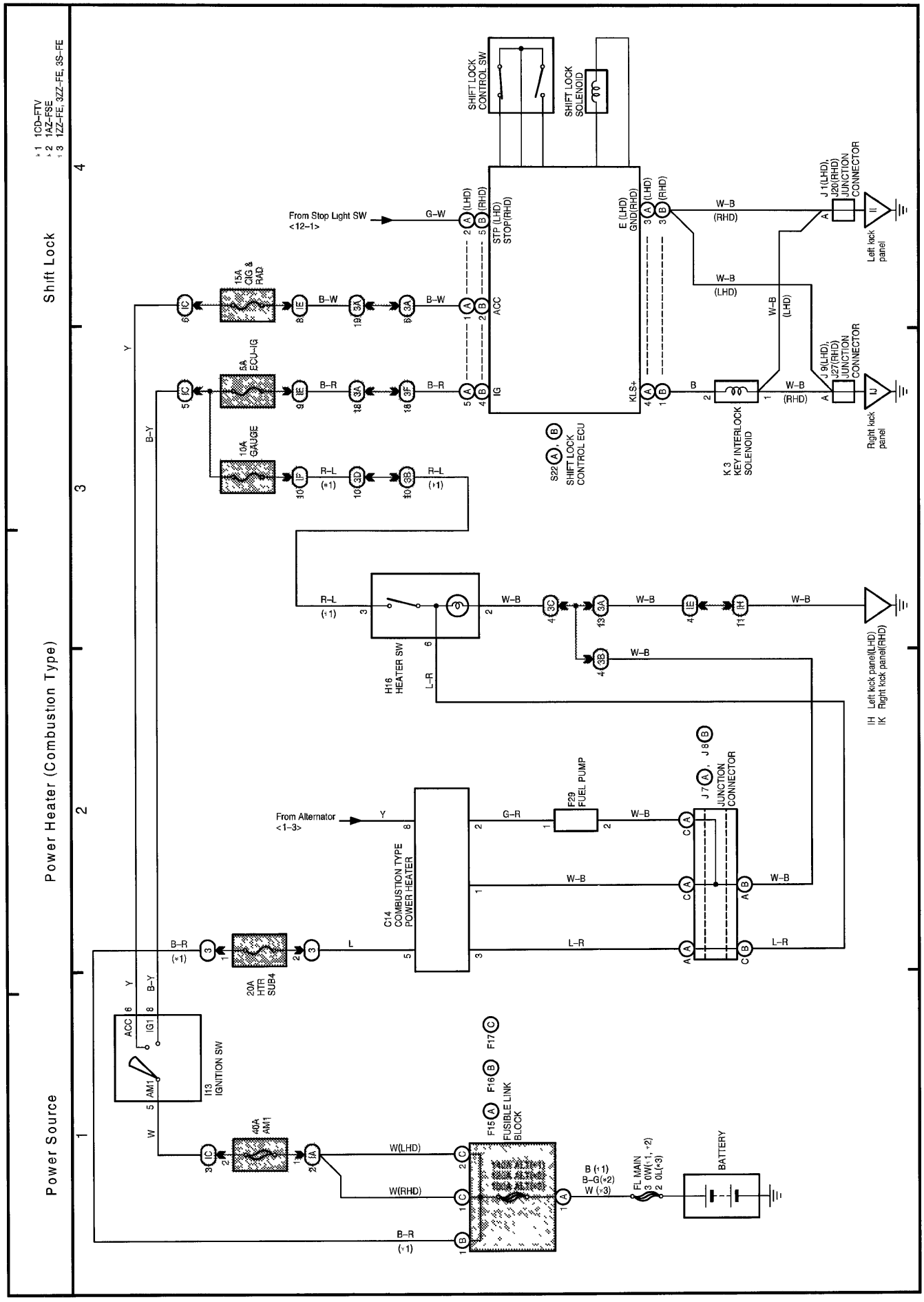
I OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)




Automatic Air Conditioner
Radiator Fan and Condenser Fan
5
6
7
8
MG CLT RELAY
30A FAN SUB
40A FAN MAIN
FAN NO. 1 RELAY
FAN NO 2 RELAY
FAN NO 3 RELAY
A 4 A/C MAGNETIC CLUTCH AND LOCK SENSOR
A 5 A/C SINGLE PRESSURE SW
W 3 WATER TEMP SW
R 1 RADIATOR FAN MOTOR
A 2 A/C CONDENSER FAN MOTOR
IF2 (LHD)
IE2 (RHD)
IH1
IH3
To Engine ECU ECT(M/T) or Engine and ECT ECU (A/T)<3-11>
To Engine ECU(M/T) or Engine and ECT ECU (A/T)<4-6><9-7>
Under the headlight LH
Under the headlight RH
EB
EA
*1 1CD-FTV
*2 Except 1CD-FTV
*5 1ZZ-FE, 3ZZ-FE 3S-FE
*6 1AZ-FSE
*7 1CD-FTV 3S-FE
*8 Except *7
*9 3S-FE
*10 1ZZ-FE, 3ZZ-FE
*11 Except 3S-FE

I OVERALL ELECTRICAL WIRING DIAGRAM



FOREWORD

This supplement provides information covering changes in the electrical system specifications of the AVENSIS / CORONA which were made in May, 1999.

Applicable models: ST220 Series
AT220, 221 Series
CDT220 Series
CT220 Series

For information which is not mentioned in this manual, please refer to the following Electrical Wiring Diagram Manuals:

Manual Name	Pub. No.
● AVENSIS / CORONA Electrical Wiring Diagram	EWD330Y
● AVENSIS / CORONA Chassis and Body Repair Manual Supplement	RM698E
● 1CD–FTV Engine Repair Manual	RM697E
● AVENSIS New Car Features Supplement	NCF168E

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

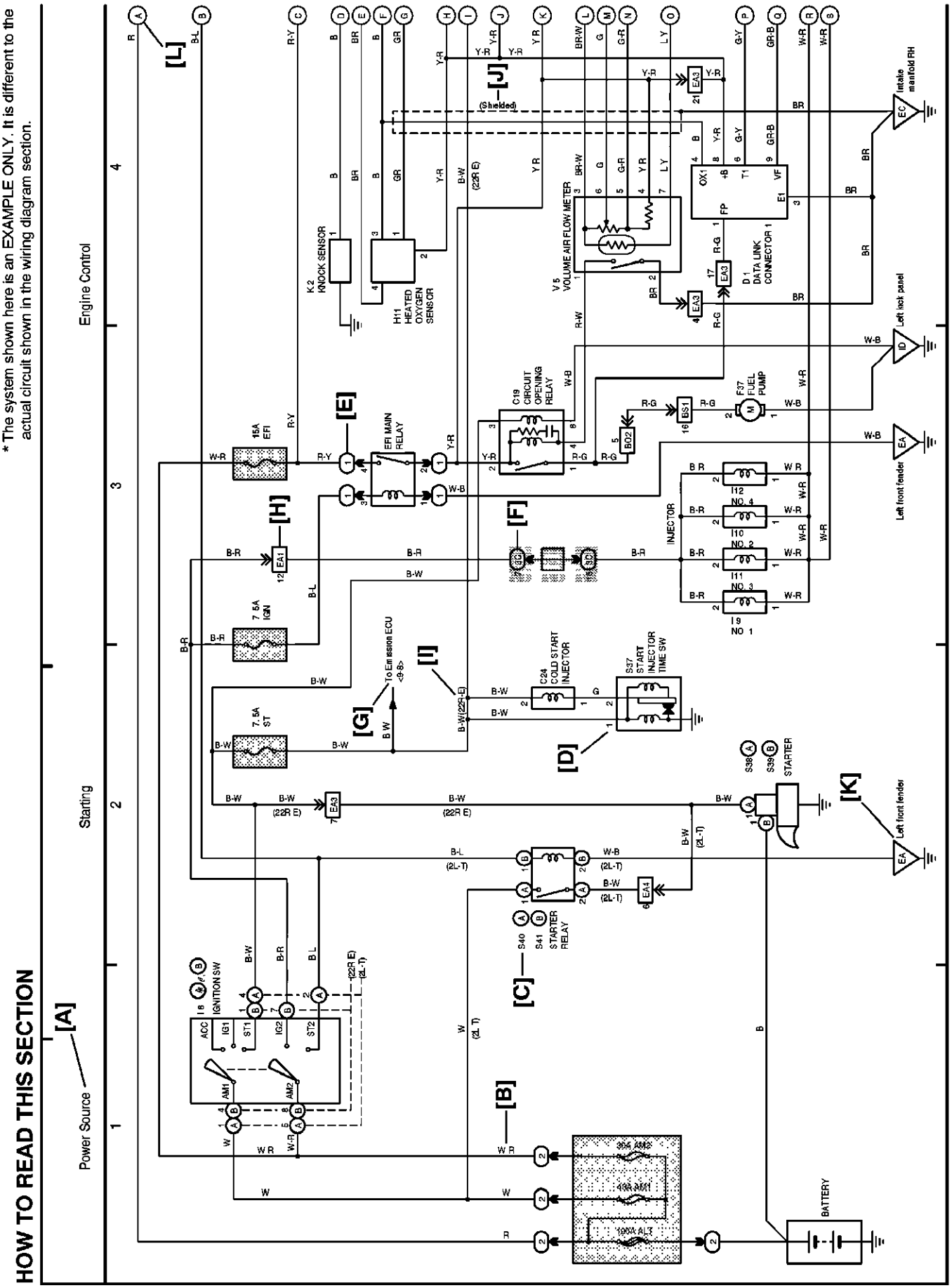
TOYOTA MOTOR CORPORATION

NOTICE

When handling supplemental restraint system components (removal, installation or inspection, etc.), always follow the direction given in the repair manuals listed above to prevent accidents and supplemental restraint system malfunction.

This manual consists of the following 9 sections:

No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	ABBREVIATIONS	Defines the abbreviations used in this manual.
D	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the wiring diagram.
E	ELECTRICAL WIRING ROUTING	Describes position of the Parts Connectors, Ground points, etc. This section is closely related to the wiring diagram.
F	CONNECTOR LIST	Describes the form of the connectors for the parts appeared in this book. This section is closely related to the wiring diagram.
G	CONNECTOR INFORMATION	Indicates the reference page (See Page) showing the part name corresponding to the part number, and the installation position of the part in the vehicle. (For French, Spanish, German manuals only)
H	PART NUMBER OF CONNECTORS	Indicates the part number of the connectors used in this manual.
I	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections.


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.
HOW TO READ THIS SECTION
[A]
Power Source
Starting
Engine Control
[B]
[C]
[D]
[E]
[F]
[G]
[H]
[I]
[J]
[K]
[L]
15A EFI
7.5A IGN
7.5A ST
EFI MAIN RELAY
IGNITION SW
STARTER RELAY
STARTER
BATTERY
K2 KNOCK SENSOR
H11 HEATED OXYGEN SENSOR
V5 VOLUME AIR FLOW METER
C19 CIRCUIT OPENING RELAY
F37 FUEL PUMP
D1 DATA LINK CONNECTOR 1
C24 COLD START INJECTOR
S37 START INJECTOR TIME SW
INJECTOR
NO. 1
NO. 2
NO. 3
NO. 4
To Emission ECU <9-8>
Intake manifold RH
Left front fender
Left kick panel
(Shielded)
(22R-E)
(2L-T)
30A AM2
40A AM1
100A ALT

[A] : System Title

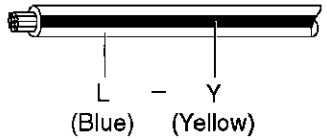
[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B	= Black	W	= White	BR	= Brown
L	= Blue	V	= Voilet	SB	= Sky Blue
R	= Red	G	= Green	LG	= Light Green
P	= Pink	Y	= Yellow	GR	= Gray
O	= Orange				

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

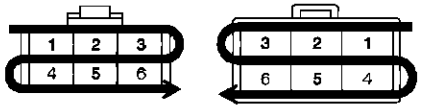
Example: L – Y



[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector.
The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right / Numbered in order from upper right to lower left



Female Male

The numbering system for the overall wiring diagram is the same as above.

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: (1) Indicates Relay Block No.1

[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

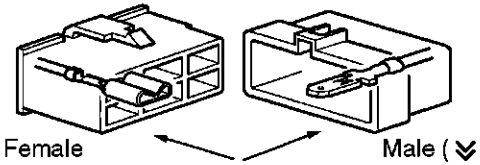
Example



3C indicates that it is inside Junction Block No.3

[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector.
The wiring harness with male terminal is shown with arrows (⩔).
Outside numerals are pin numbers.



[I] : ( ) is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.



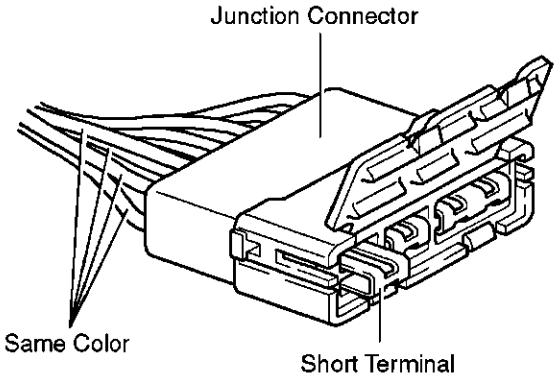
[K] : Indicates and located on ground point.

[L] : The same code occuring on the next page indicates that the wire harness is continuous.

HINT :

Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)

Wire harness sharing the same short terminal grouping have the same color.



ABBREVIATIONS

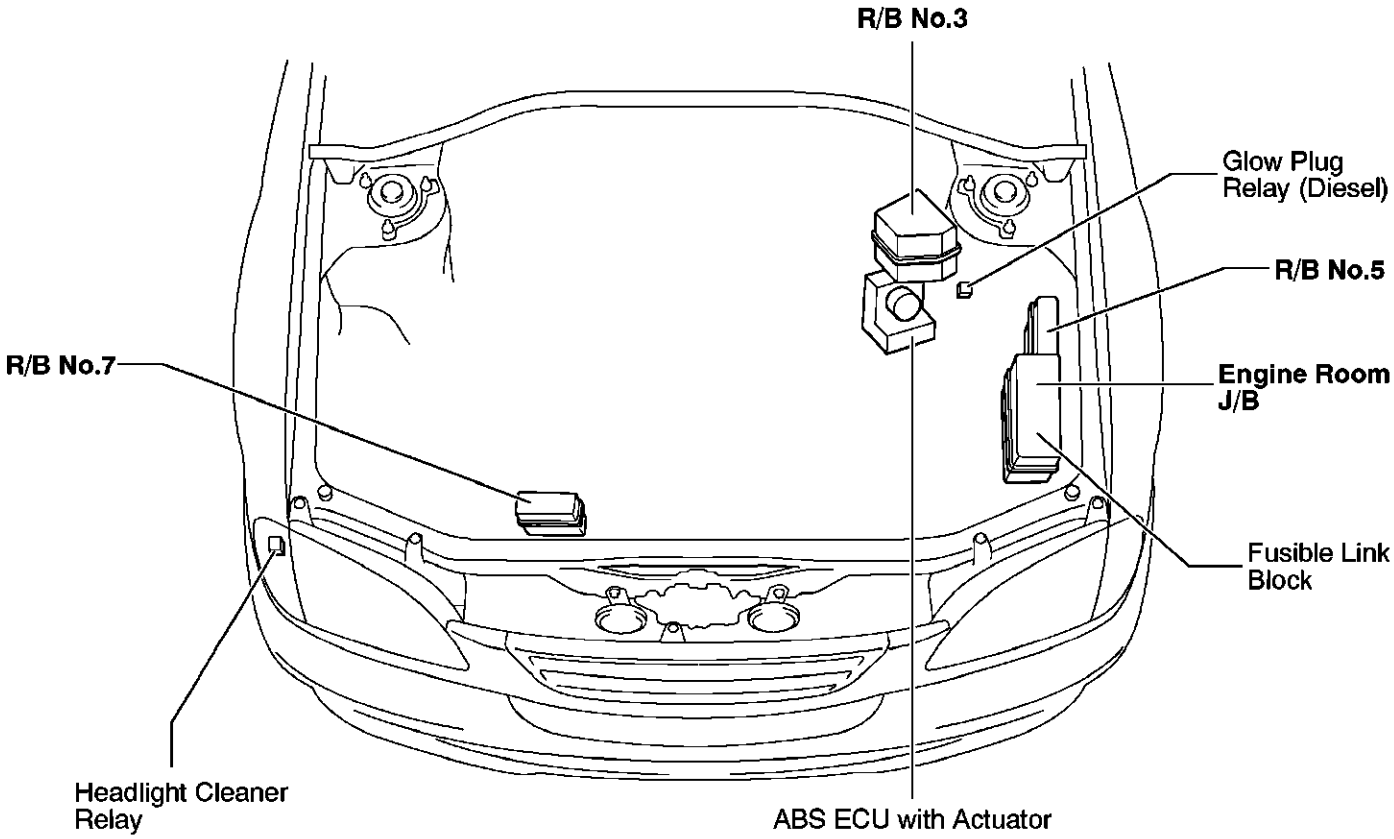
The following abbreviations are used in this manual.

ABS	=	Anti–Lock Brake System
A/C	=	Air Conditioner
A/T	=	Automatic Transaxle
BACS	=	Boost Altitude Compensational Stopper
COMB.	=	Combination
DLC3	=	Data Link Connector 3
ECT	=	Electronically Controlled Transmission
ECU	=	Electronic Control Unit
EFI	=	Electronic Fuel Injection
EGR	=	Exhaust Gas Recirculation
ESA	=	Electronic Spark Advance
FL	=	Fusible Link
IIA	=	Integrated Ignition Assembly
ISC	=	Idle Speed Control
J/B	=	Junction Block
L/B	=	Liftback Type
LH	=	Left–Hand
LHD	=	Left–Hand Drive
M/T	=	Manual Transaxle
O/D	=	Overdrive
R/B	=	Relay Block
RH	=	Right–Hand
RHD	=	Right–Hand Drive
S/D	=	Sedan Type
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
VRV	=	Vacuum Regulating Valve
VSV	=	Vacuum Switching Valve
w/	=	With
W/G	=	Wagon Type
w/o	=	Without

* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

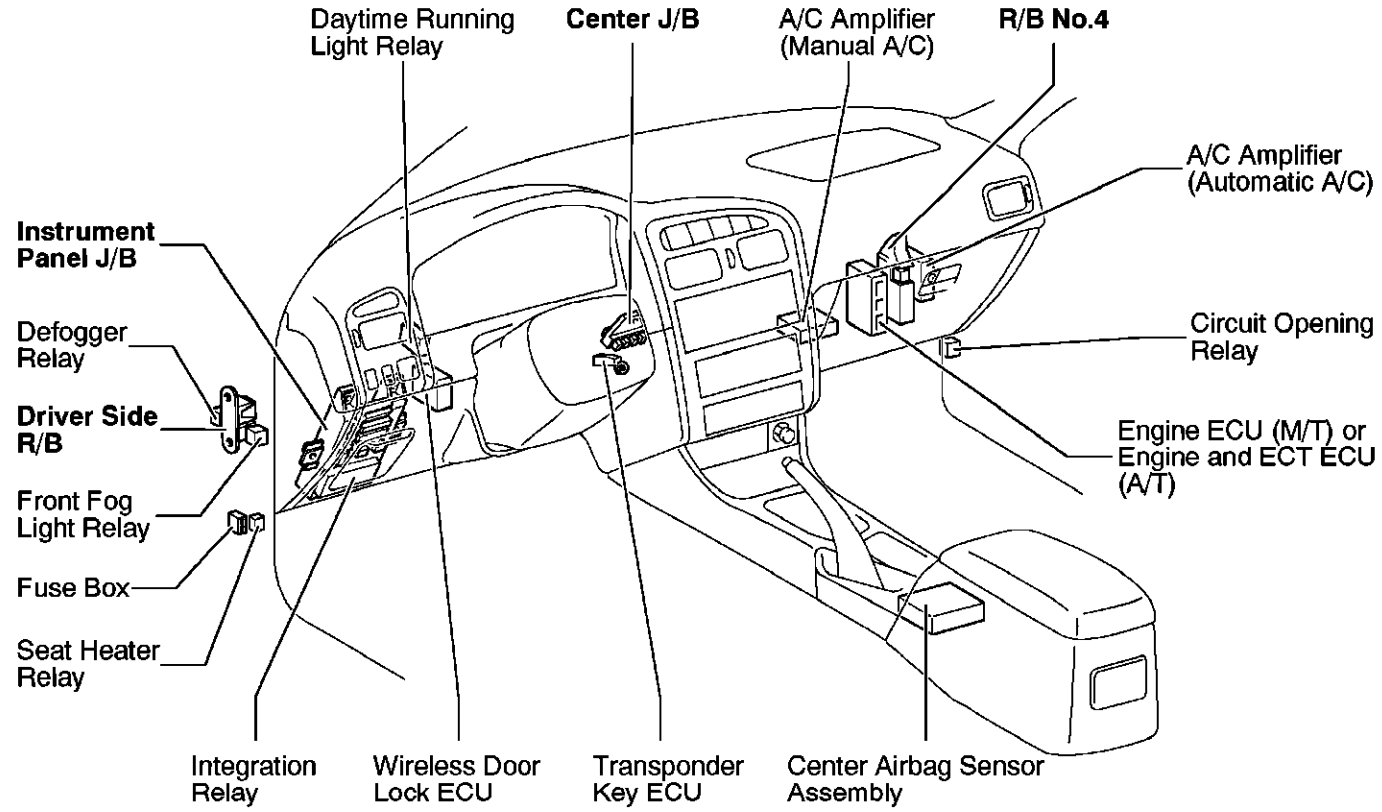
D RELAY LOCATIONS

[Engine Compartment]

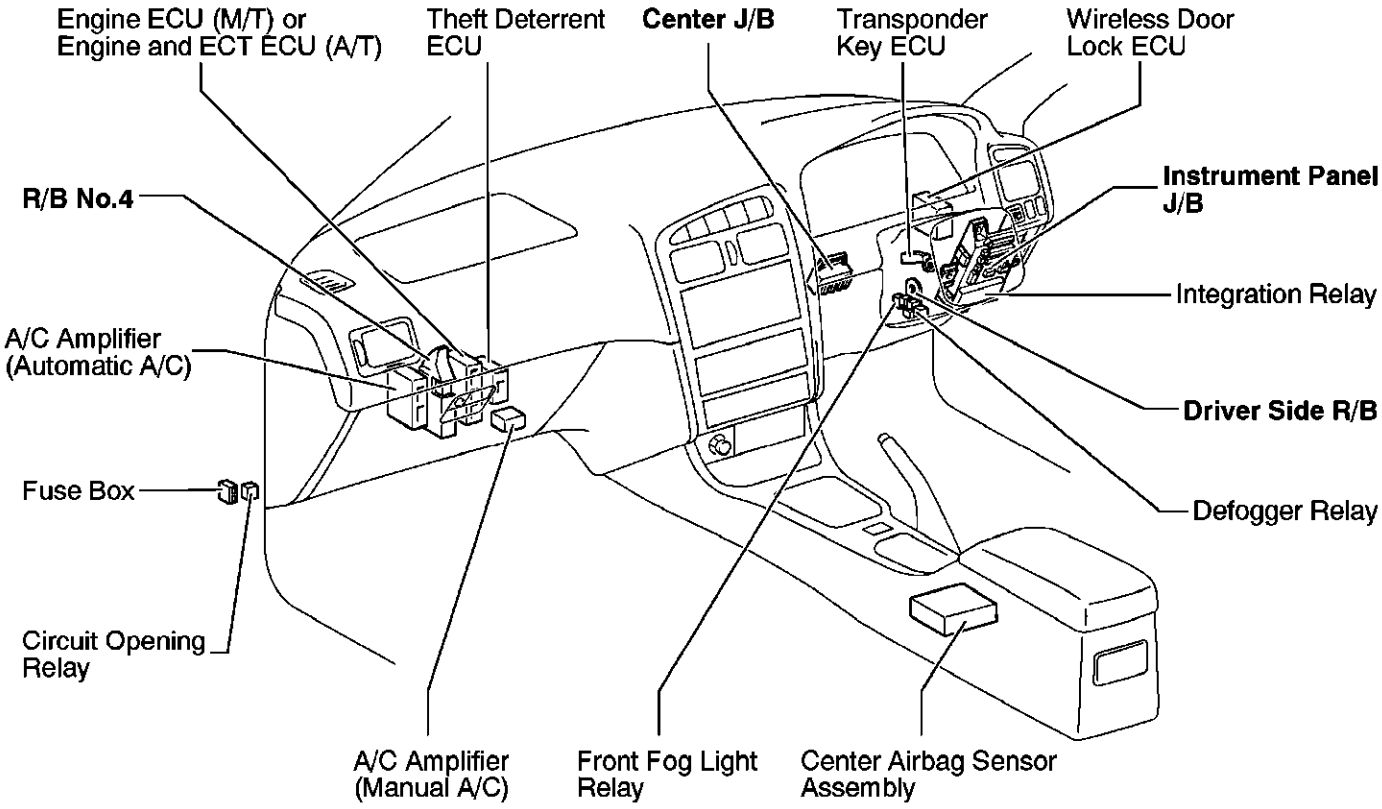


[Instrument Panel]

(LHD)

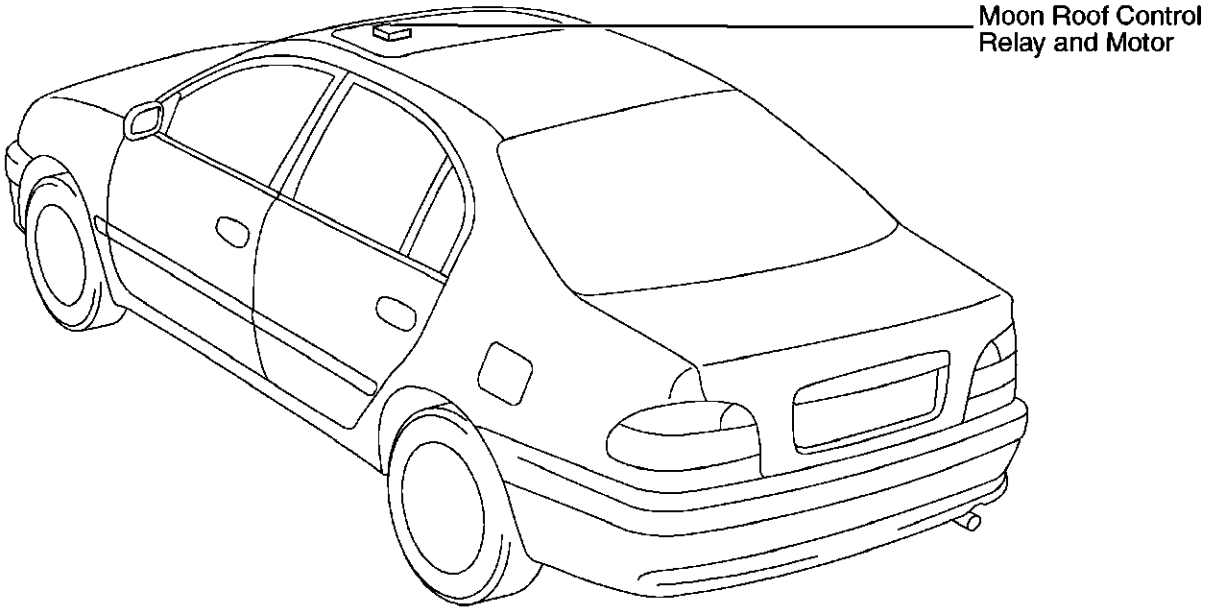


(RHD)

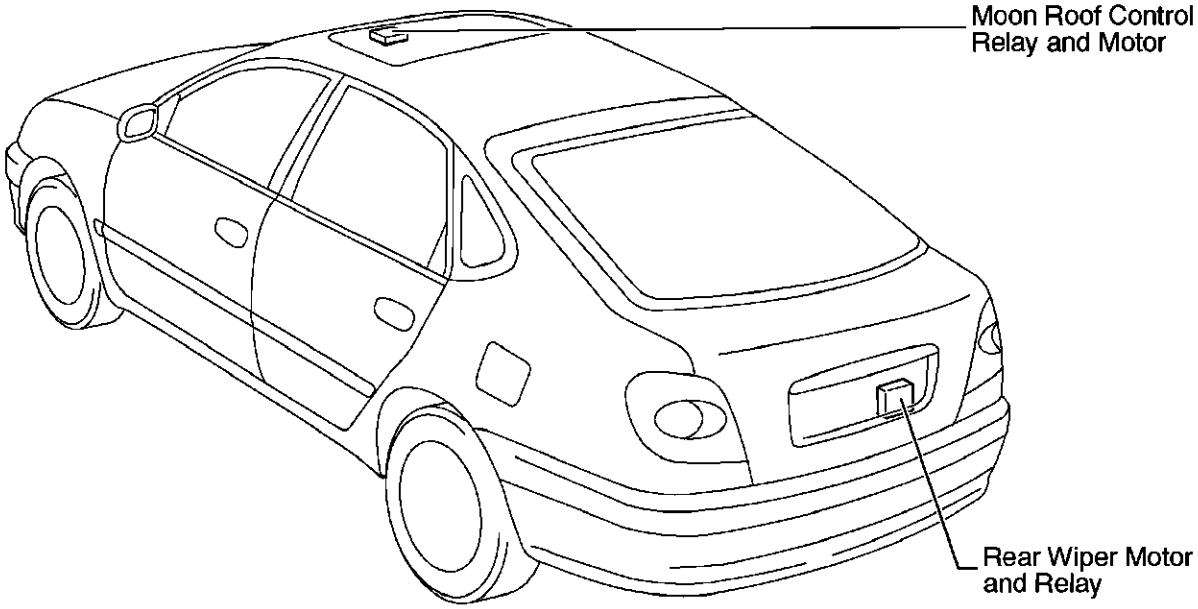


D RELAY LOCATIONS

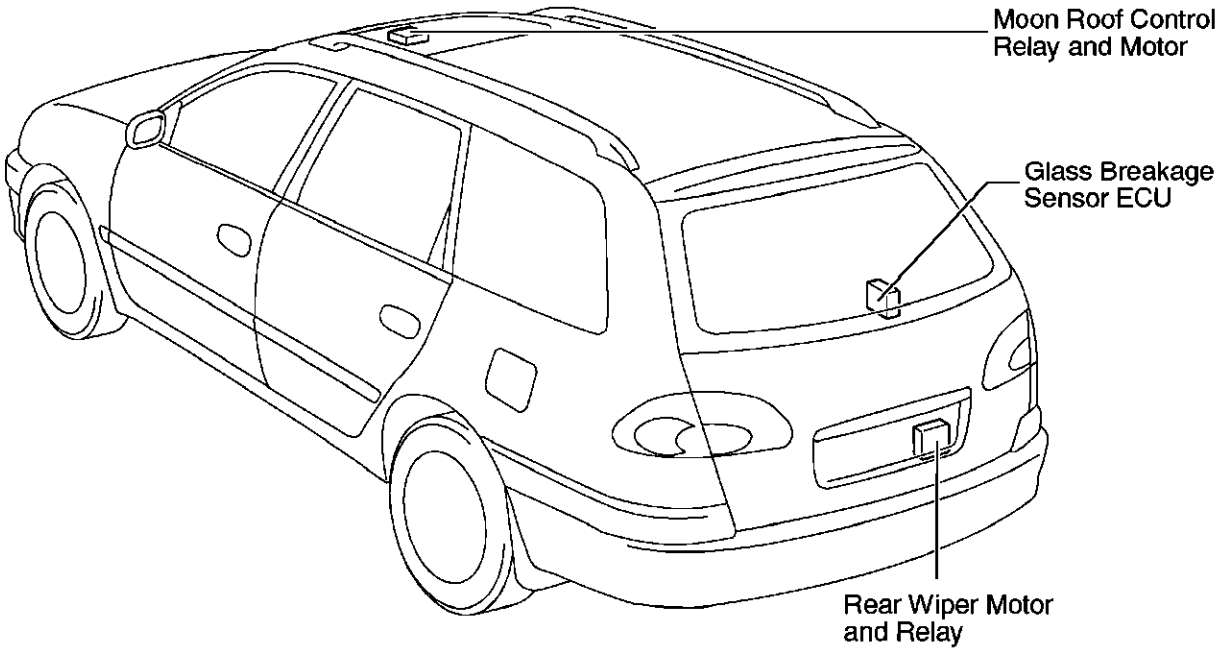
[Body]
(S/D)



(L/B)

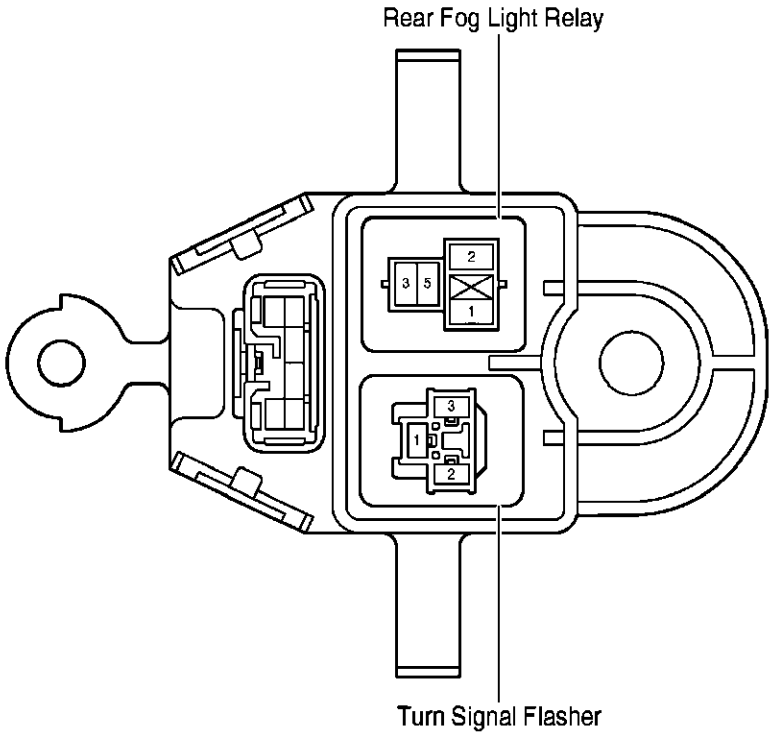


(W/G)

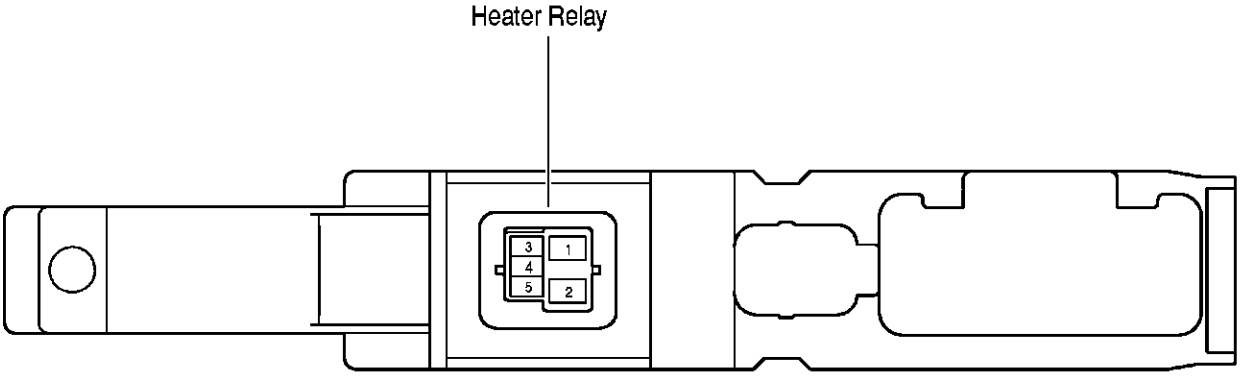

Moon Roof Control
Relay and Motor
Glass Breakage
Sensor ECU
Rear Wiper Motor
and Relay

D RELAY LOCATIONS

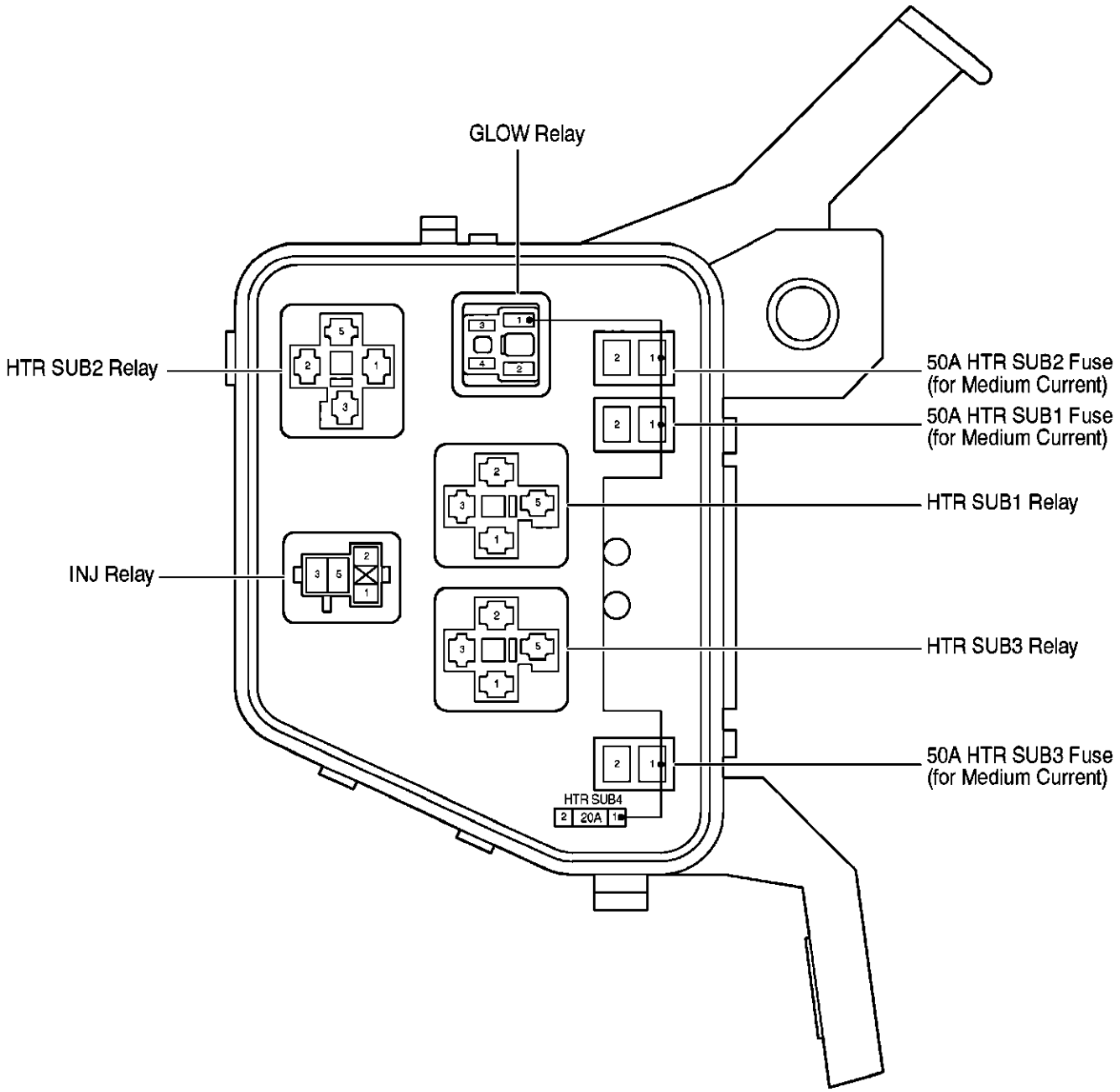
① : Driver Side R/B	LHD : Left Kick Panel (See Page 21) RHD : Right Kick Panel (See Page 21)



④ : R/B No.4	Passenger Side Dash Panel (See Page 21)

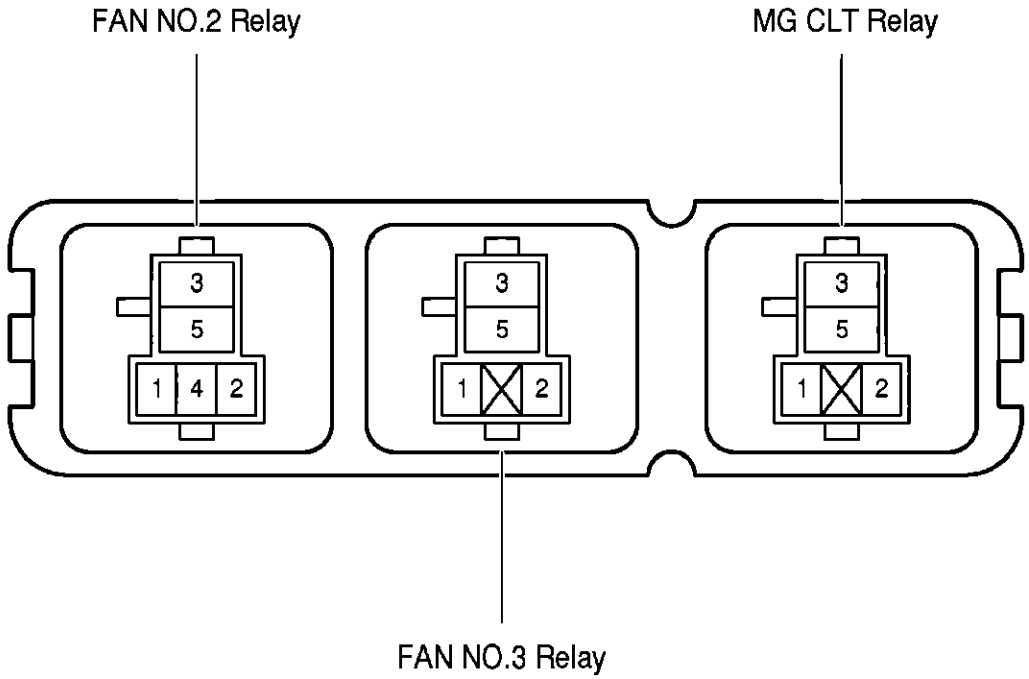


③ : R/B No.3	Engine Compartment Left (See Page 20)



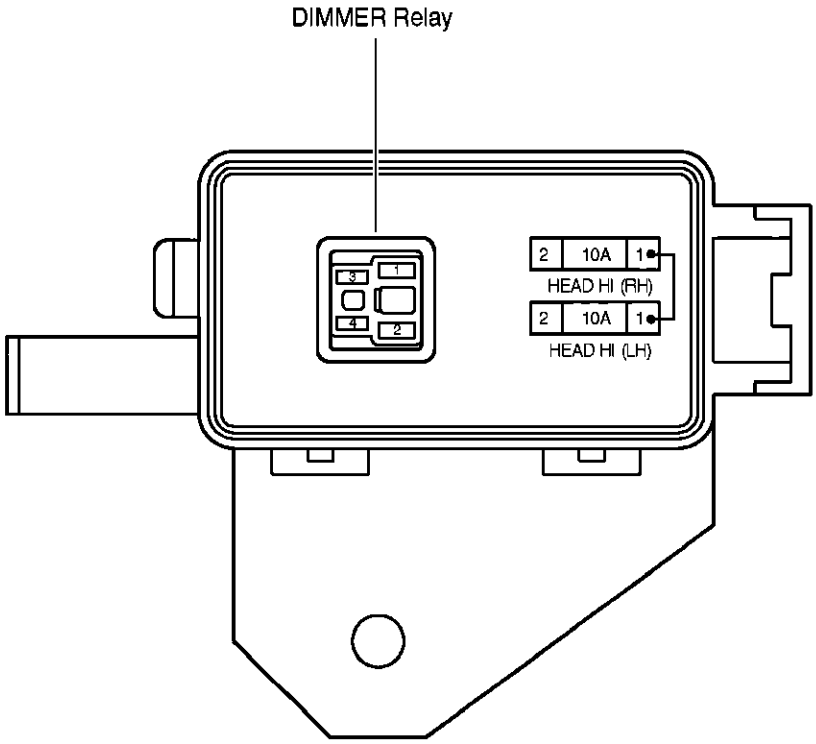
D RELAY LOCATIONS

⑤ : Engine Room R/B	Engine Compartment Left (See Page 20) (Inside Engine Room J/B)

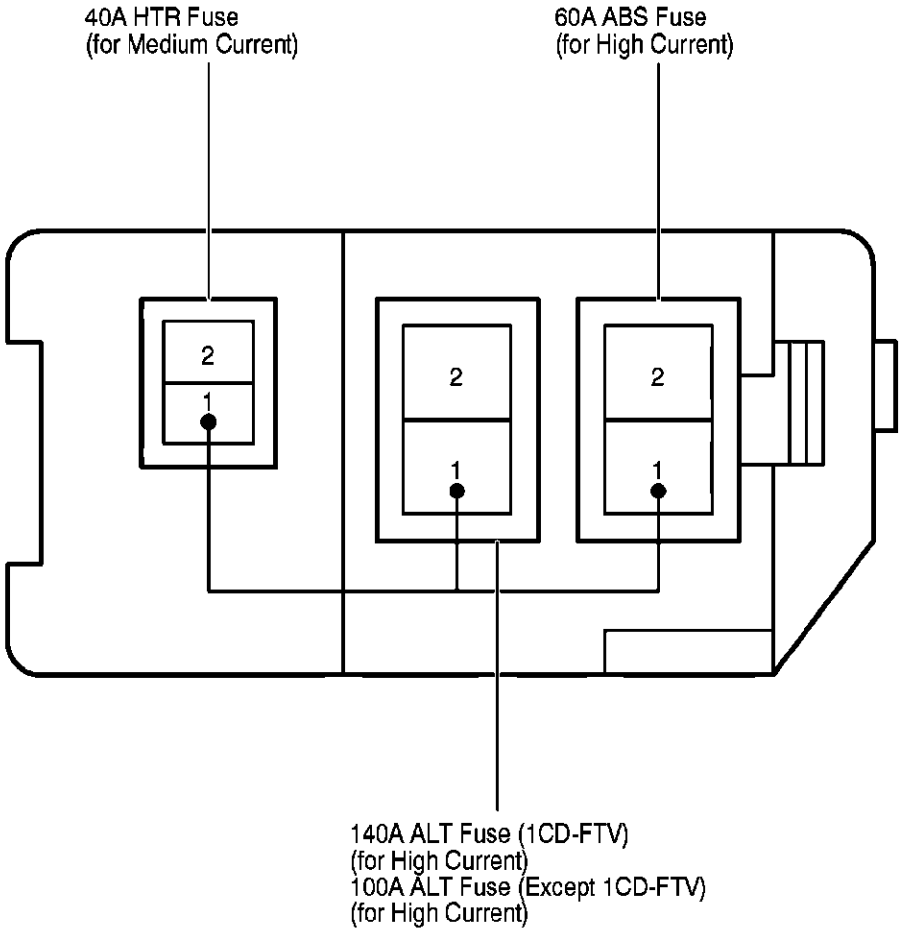


⑦ : R/B No.7	Radiator Upper Support RH (See Page 20)

(w/ Daytime Running Light)

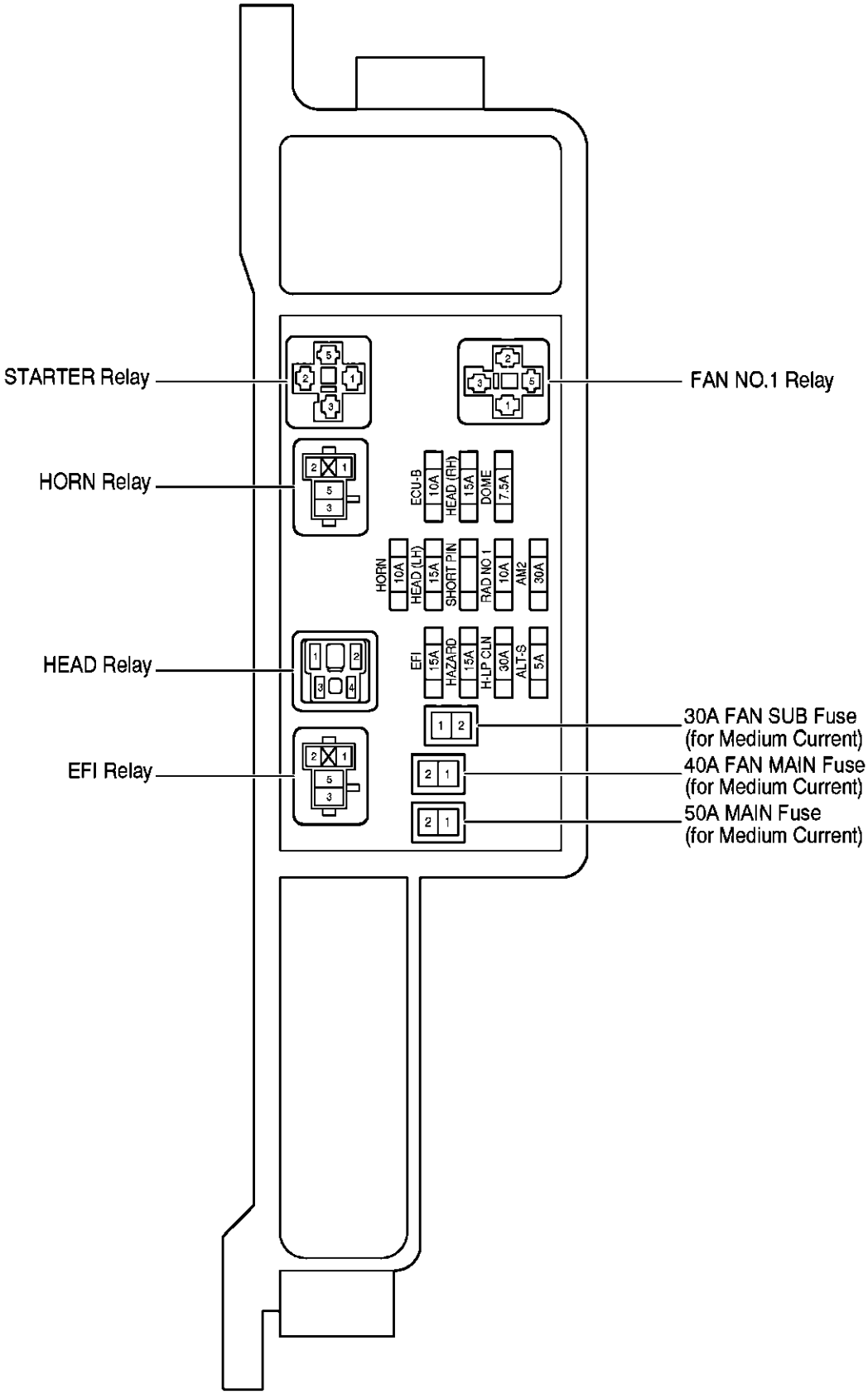


Fusible Link Block	Engine Compartment Left (See Page 20) (Inside Engine Room J/B)

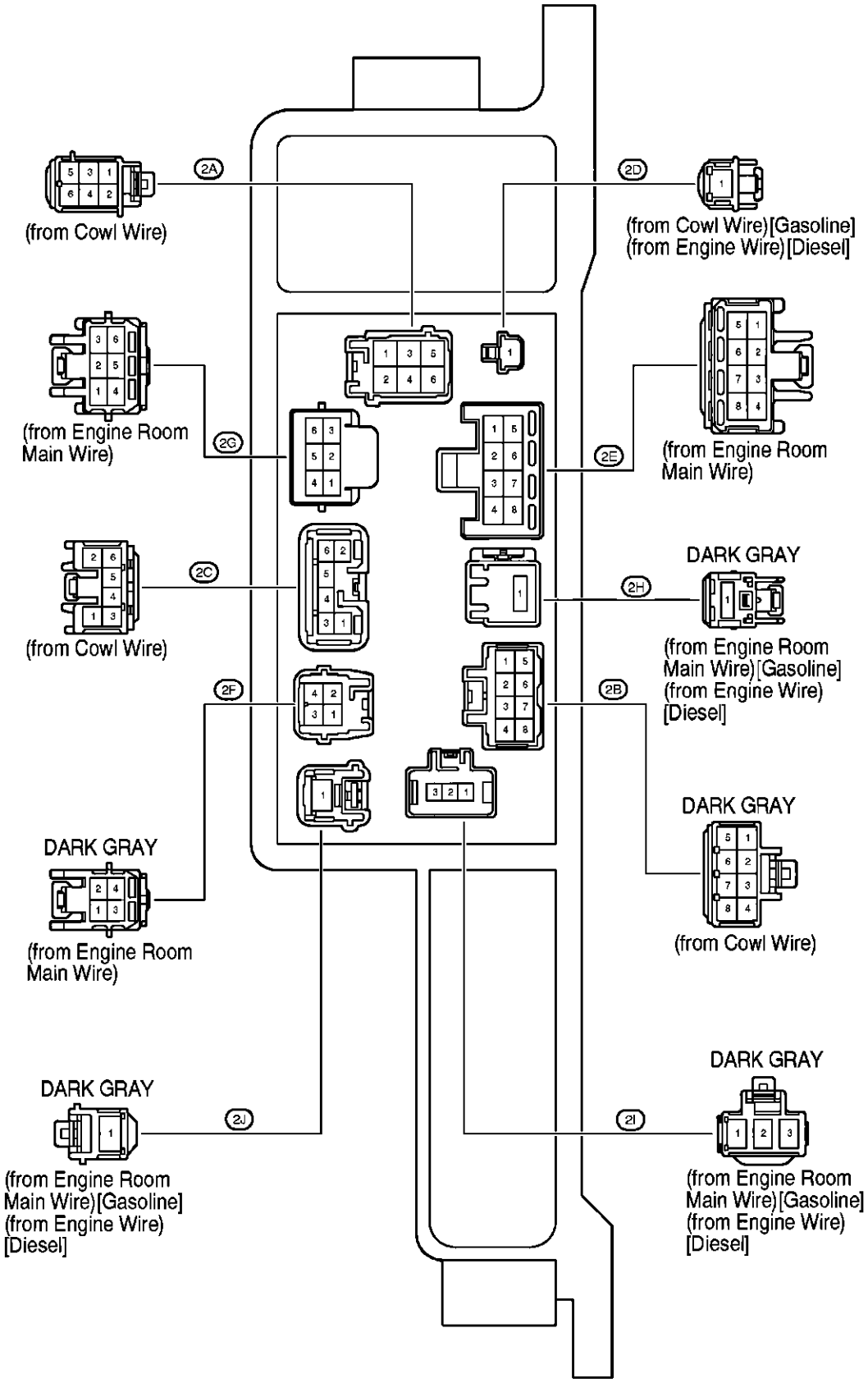


D RELAY LOCATIONS

: Engine Room J/B	Engine Compartment Left (See Page 20)

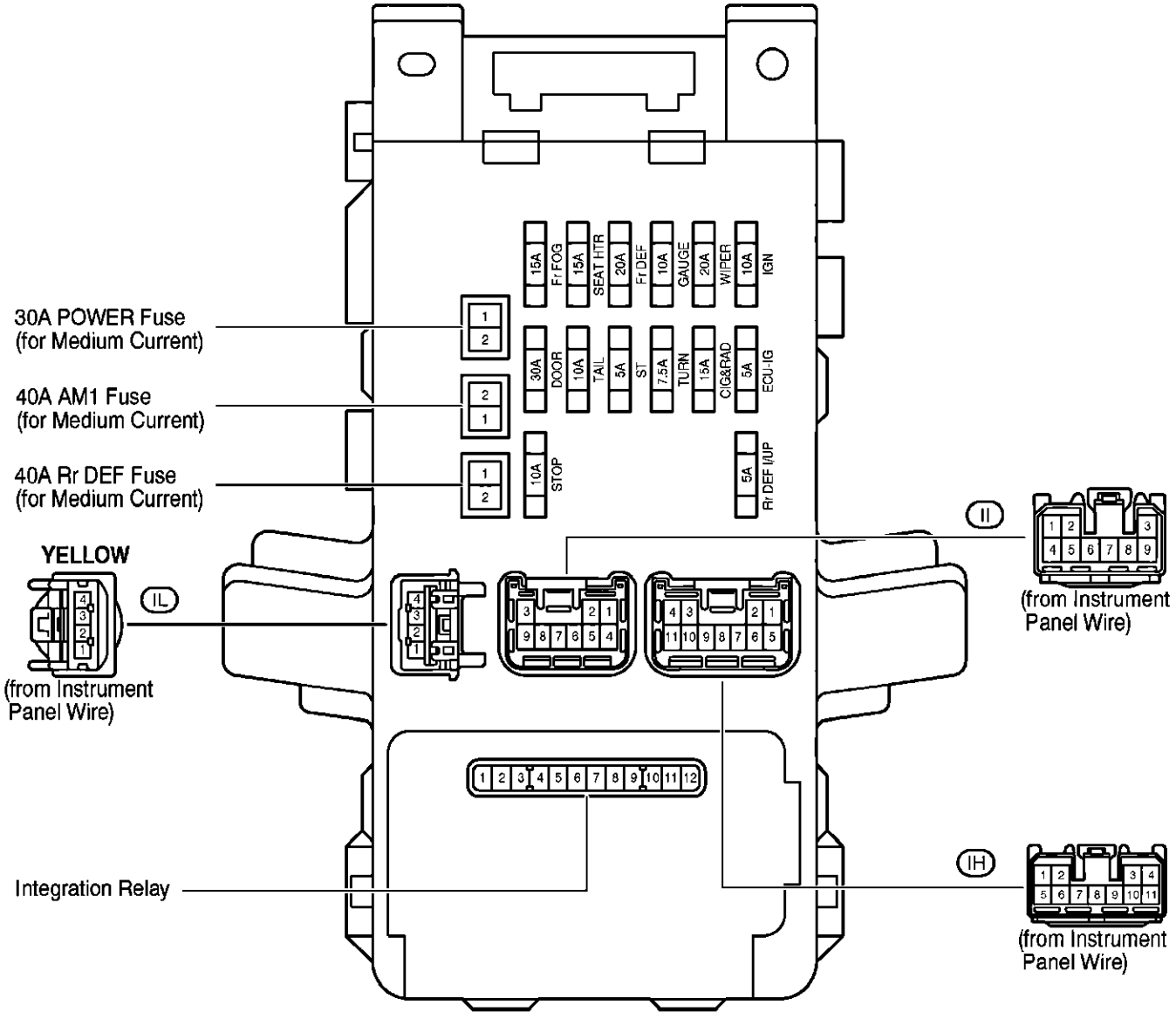


(Inner Circuit : See Page 34)

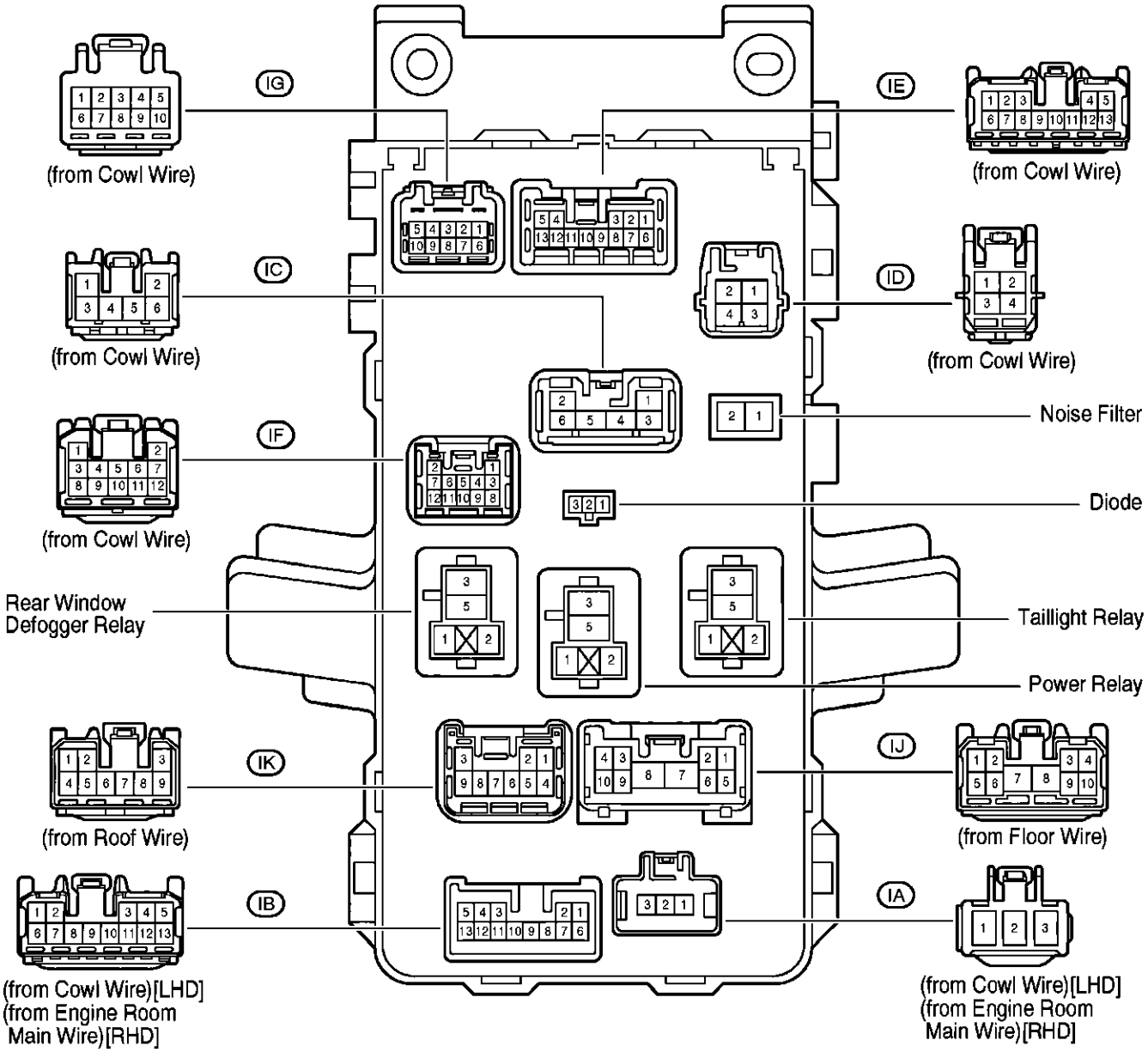


D RELAY LOCATIONS

: Instrument Panel J/B	Lower Finish Panel (See Page 21)

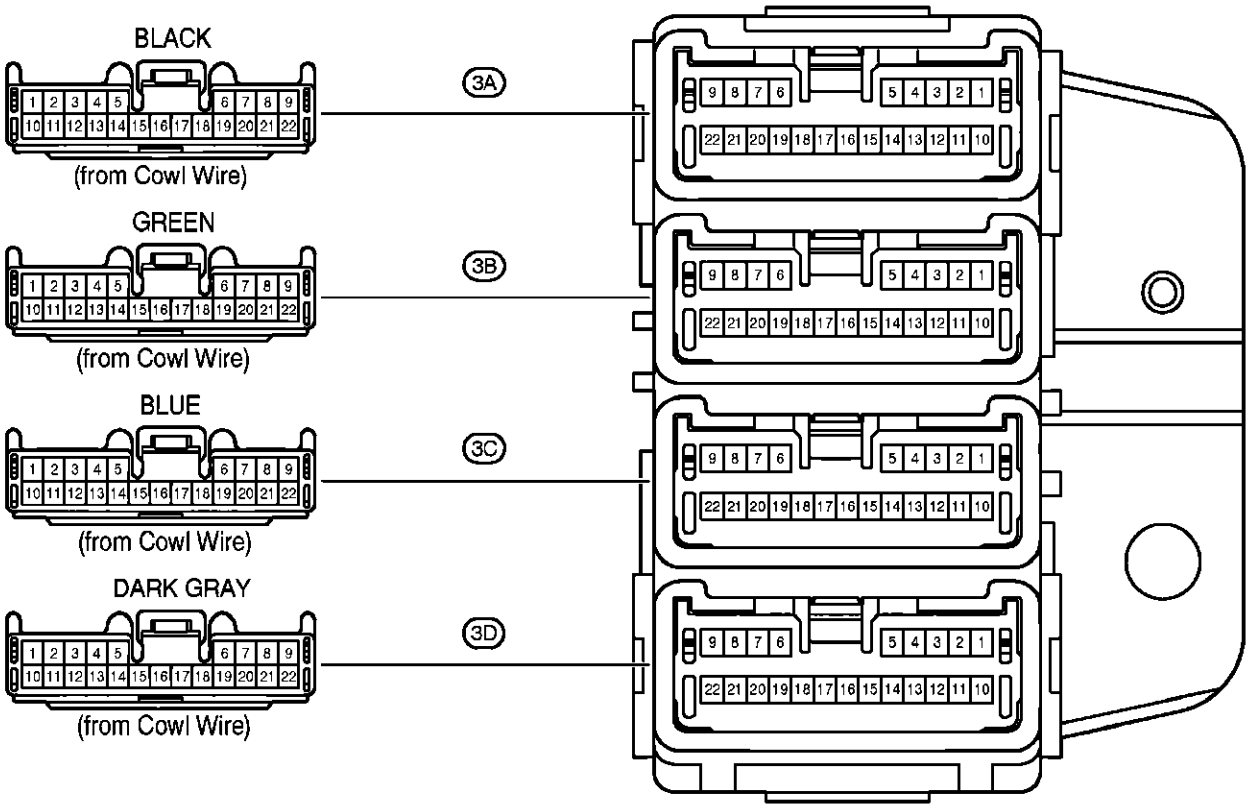


(Inner Circuit : See Page 35)

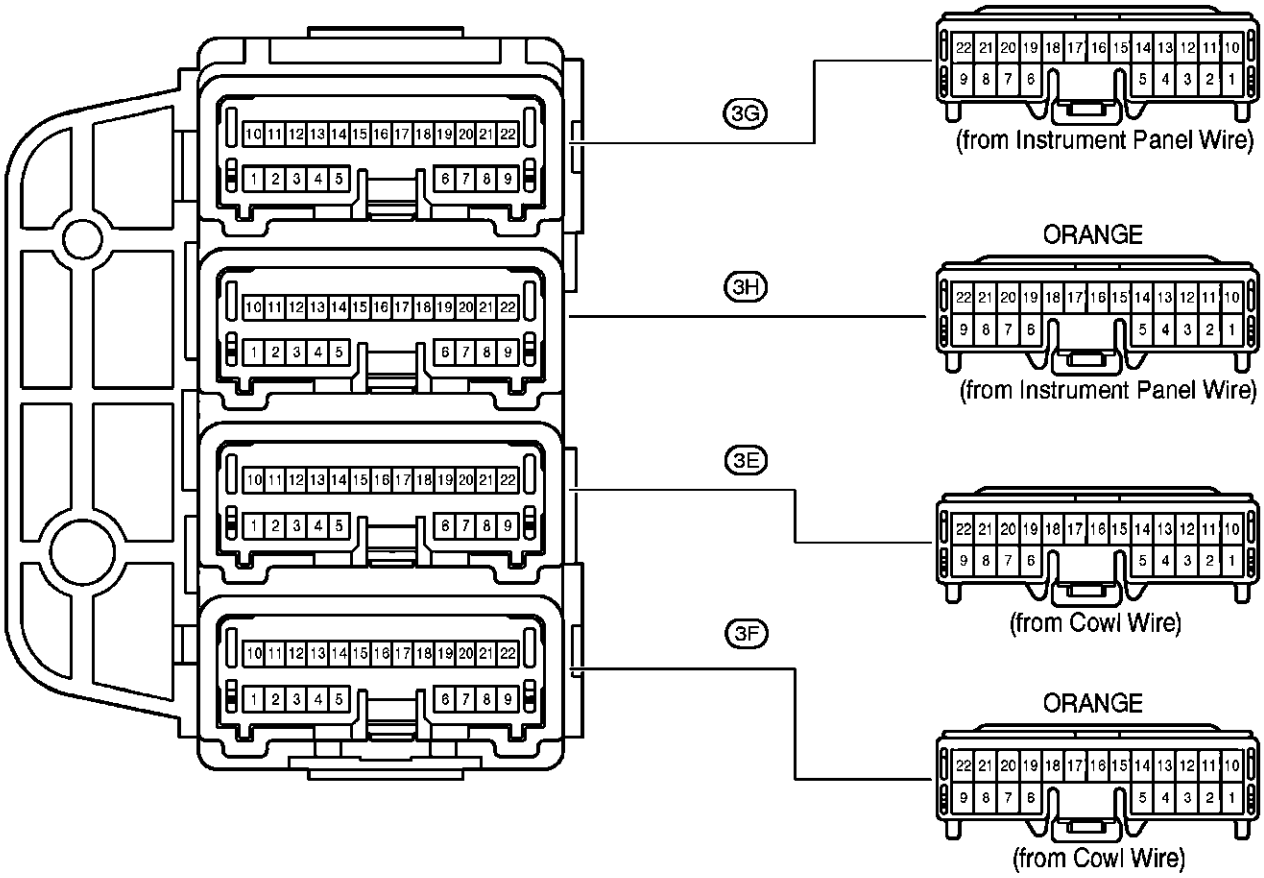


D RELAY LOCATIONS

: Center J/B	LHD : Left Side of Heater Unit (See Page 21)
	RHD : Right Side of Heater Unit (See Page 21)

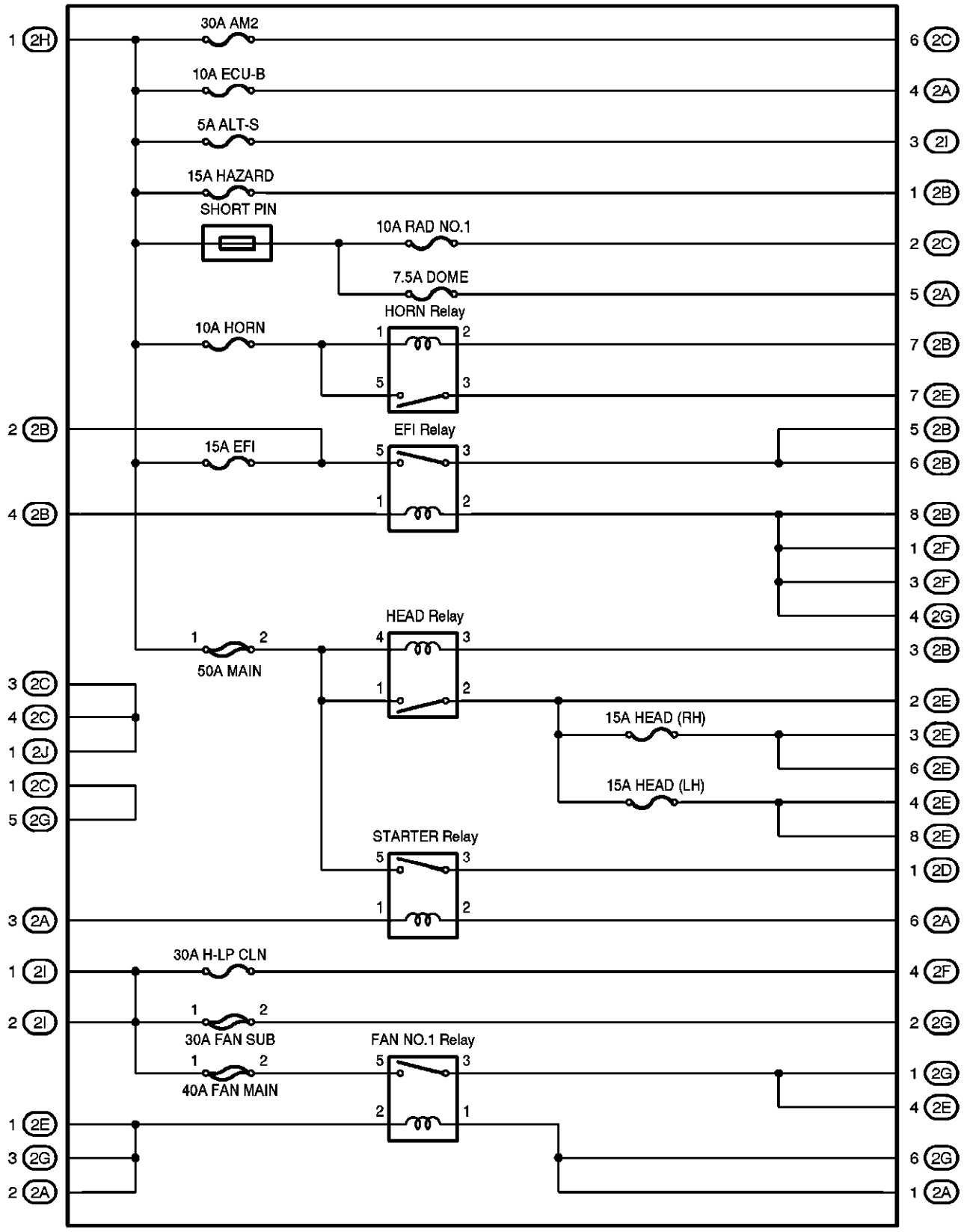


(Inner Circuit : See Page 36)

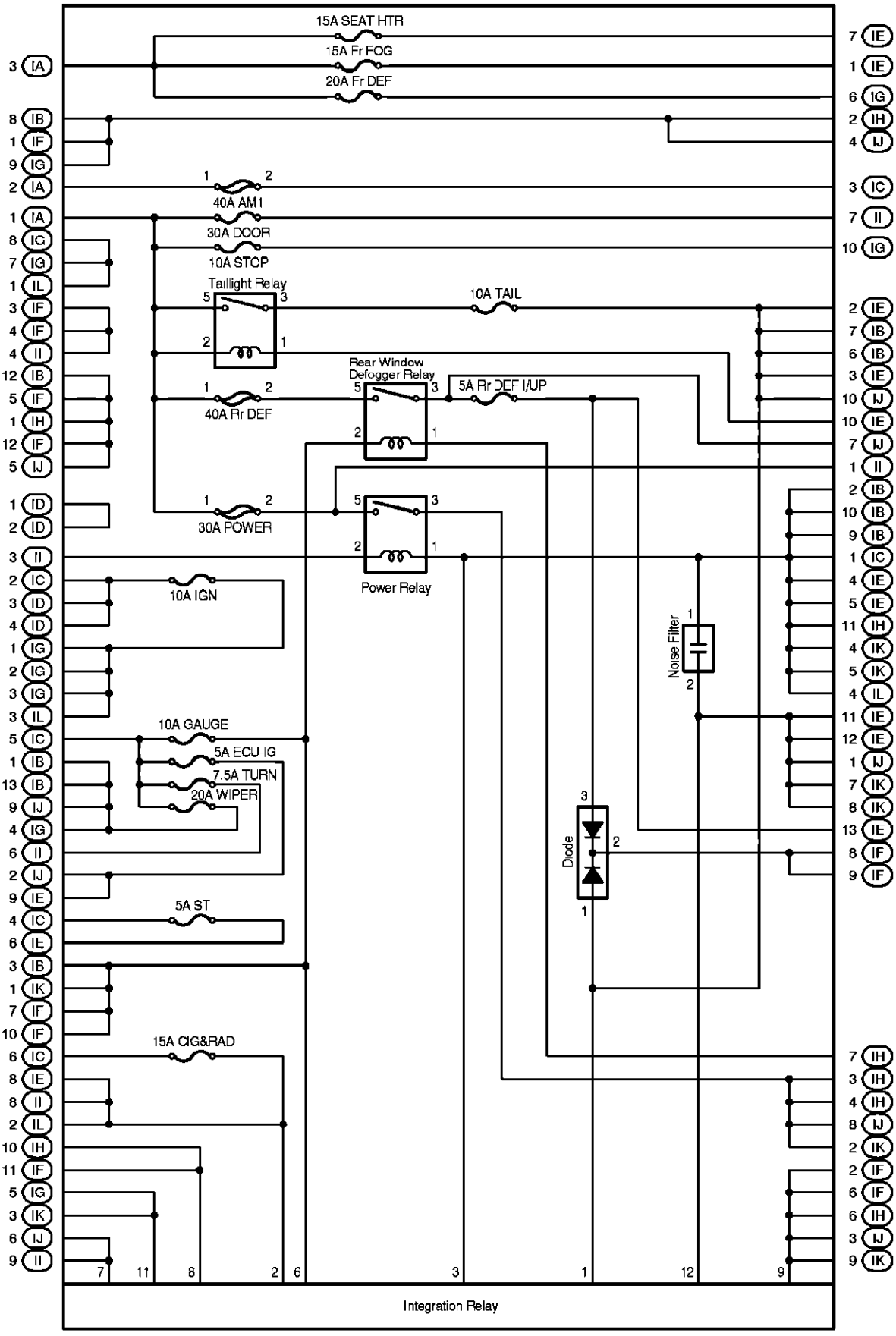


D RELAY LOCATIONS

[Engine Room J/B Inner Circuit]

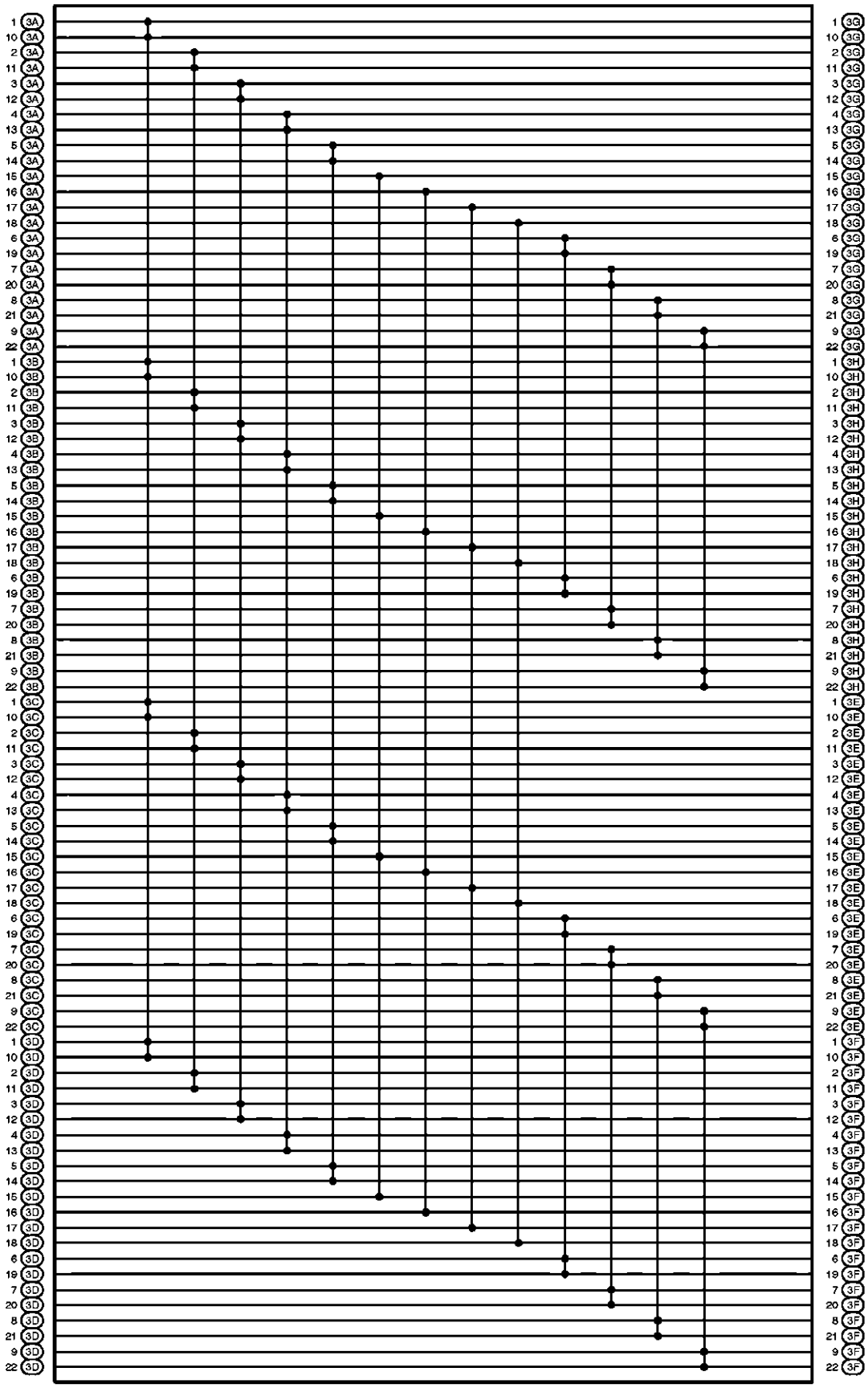


[Instrument Panel J/B Inner Circuit]



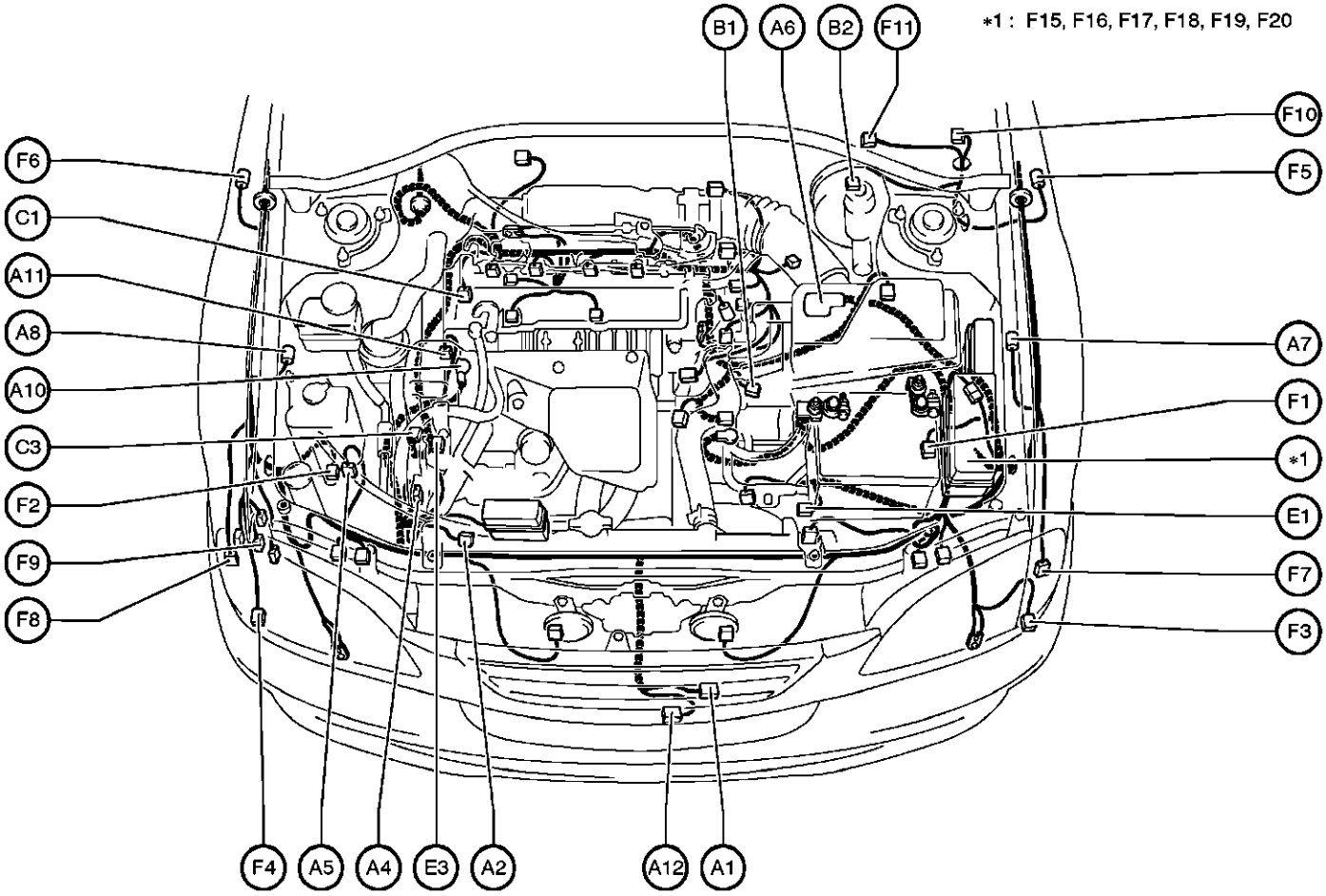
D RELAY LOCATIONS

[Center J/B Inner Circuit]



Position of Parts in Engine Compartment

[LHD : 3S–FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW

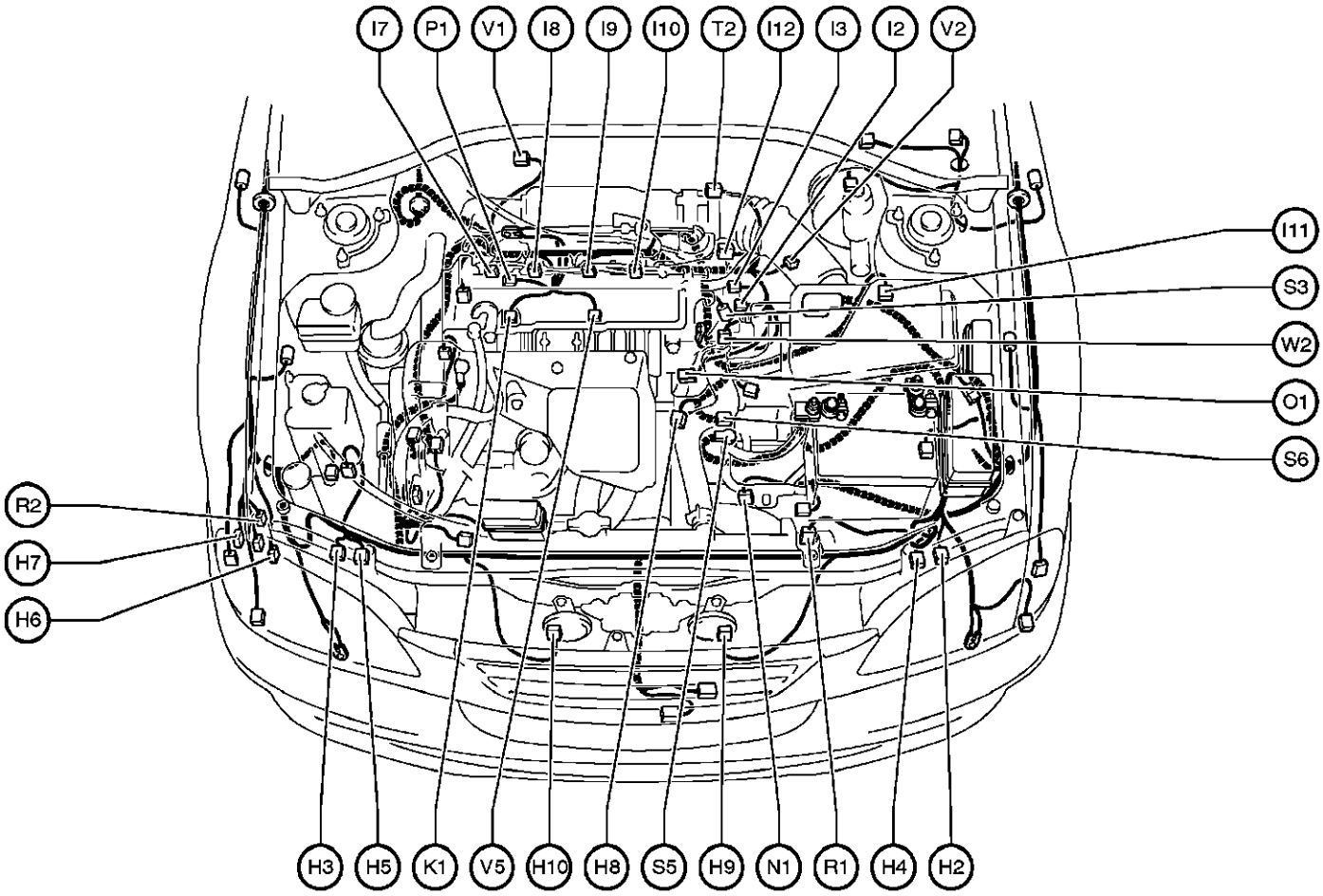
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid
E 3 Engine Oil Level Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 3S–FE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 8 Heated Oxygen Sensor
H 9 Horn LH
H10 Horn RH

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

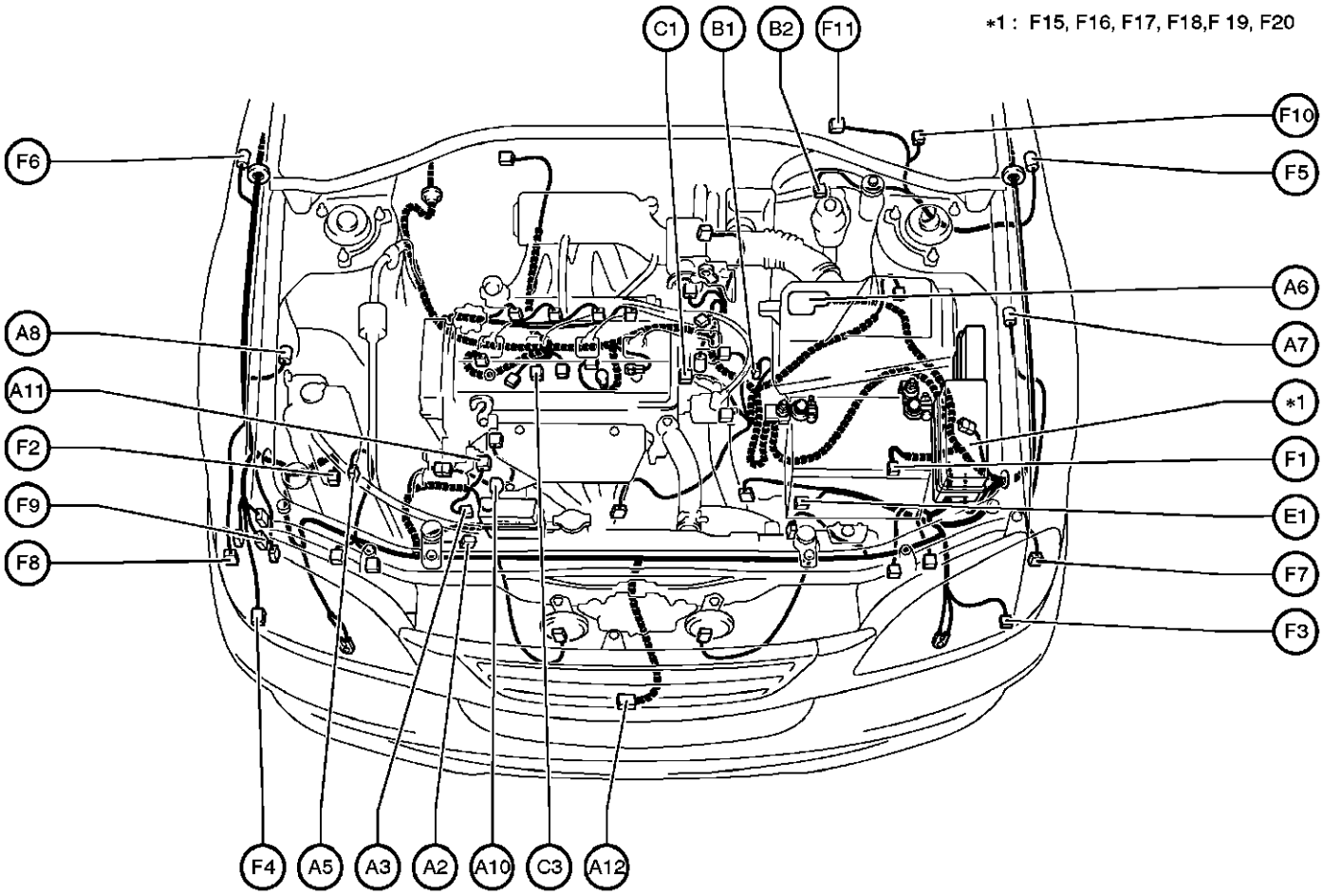
T 2 Throttle Position Sensor

V 1 Vacuum Sensor
V 2 Variable Resistor
V 5 VSV (EGR)

W 2 Water Temp. Sensor

Position of Parts in Engine Compartment

[LHD : 7A–FE, 4A–FE Lean Burn Type]



A 2 A/C Condenser Fan Motor
A 3 A/C Magnetic Clutch
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW

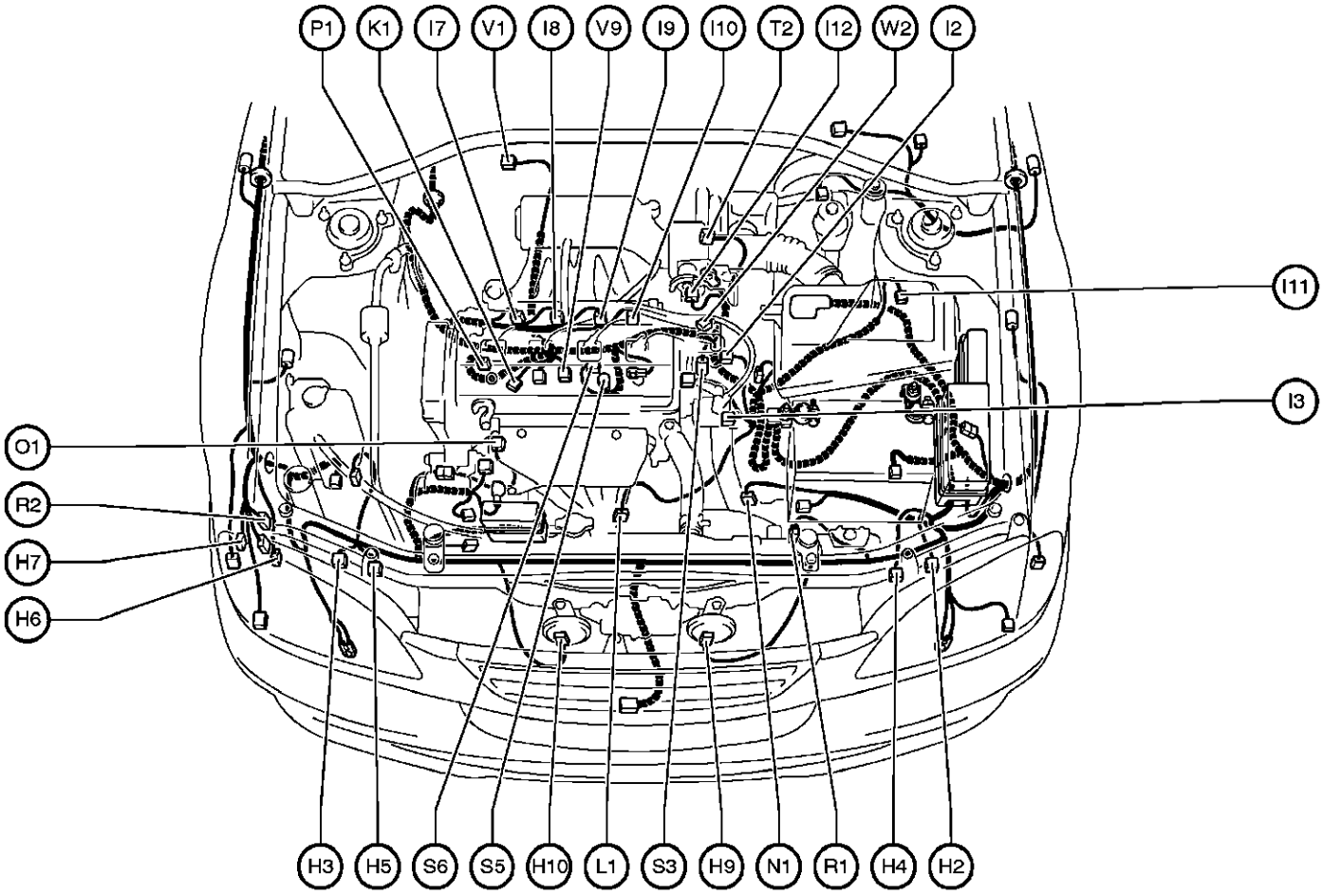
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 7A–FE, 4A–FE Lean Burn Type]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

L 1 Lean Mixture Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

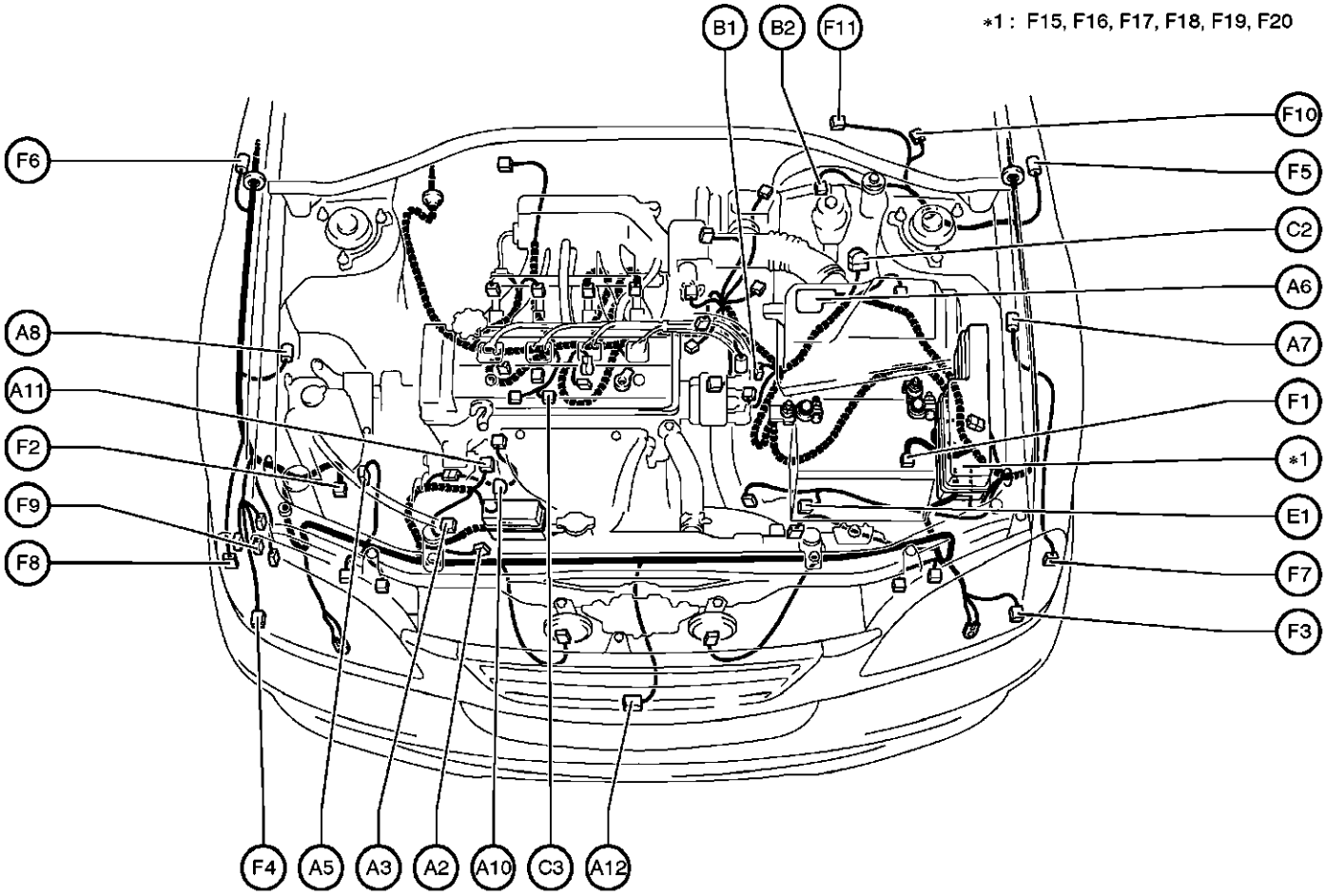
T 2 Throttle Position Sensor

V 1 Vacuum Sensor
V 9 VSV (Swirl Control)

W 2 Water Temp. Sensor

Position of Parts in Engine Compartment

[LHD : 4A–FE Stoichiometric Type]



A 2 A/C Condenser Fan Motor
A 3 A/C Magnetic Clutch
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW

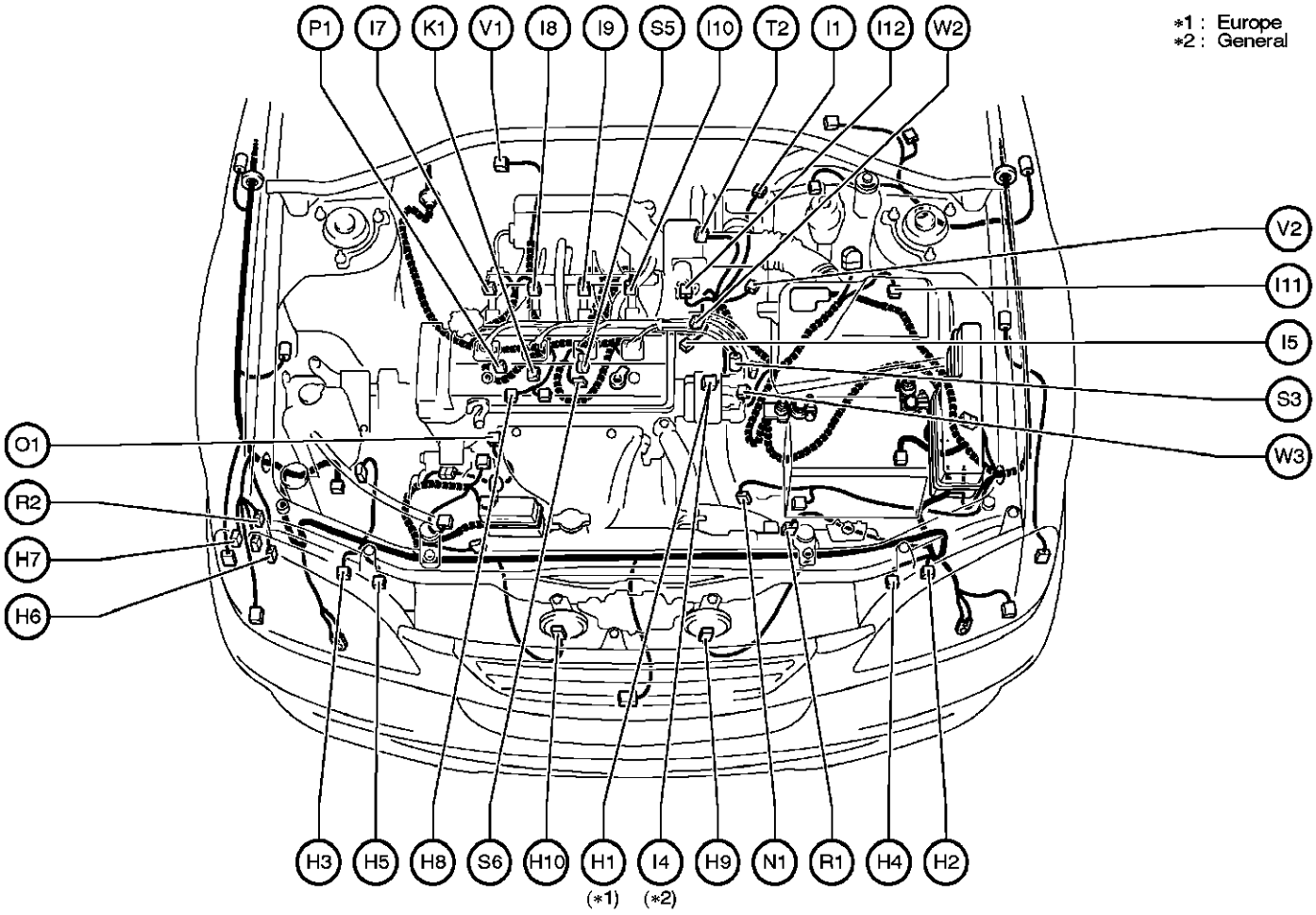
C 2 Check Connector
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 4A–FE Stoichiometric Type]



H 1 Hall Sensor
H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 8 Heated Oxygen Sensor
H 9 Horn LH
H10 Horn RH

I 1 Ignition Coil
I 4 IIA
I 5 IIA
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

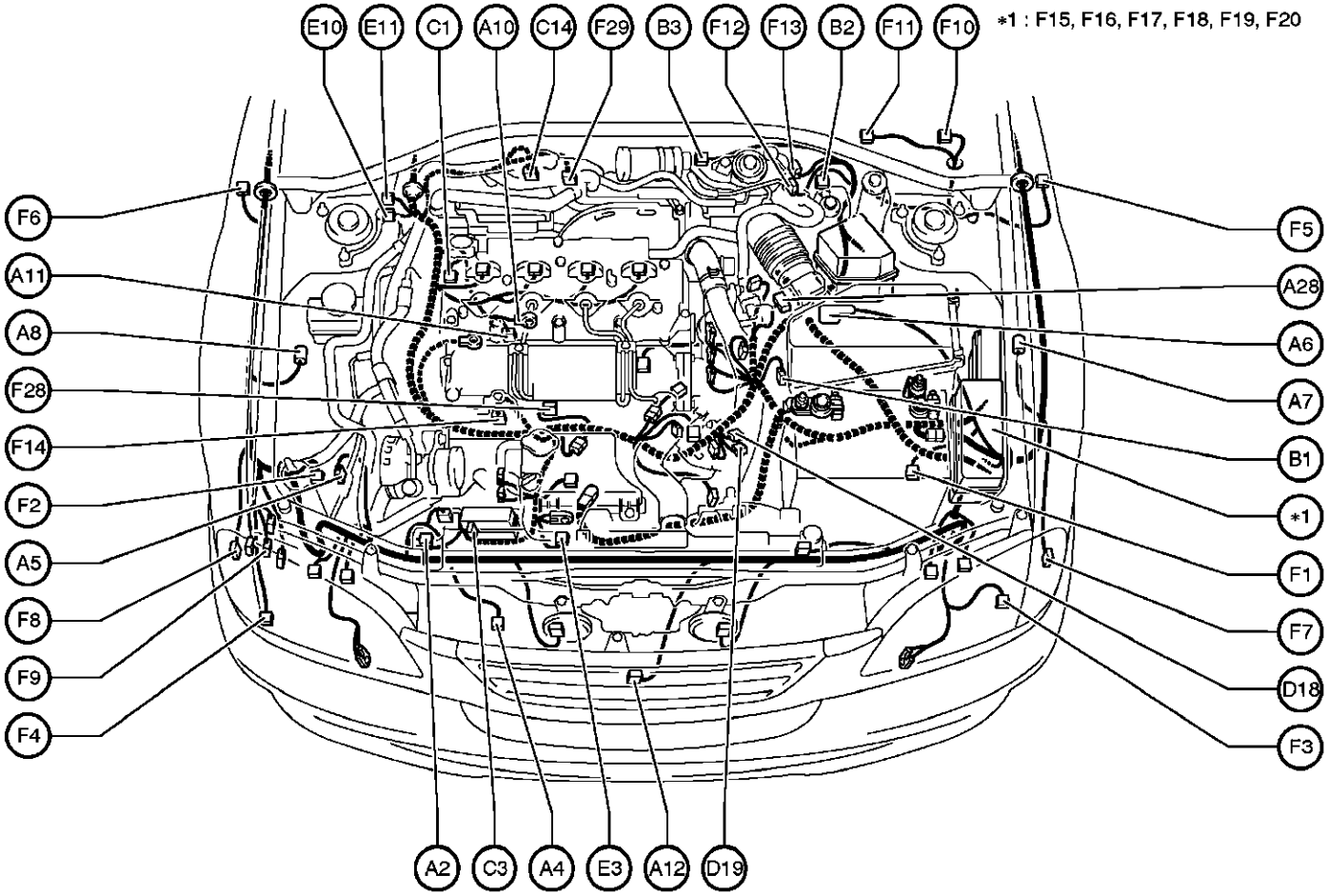
T 2 Throttle Position Sensor

V 1 Vacuum Sensor
V 2 Variable Resistor

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Engine Compartment

[LHD : 1CD–FTV]



A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A28 Air Flow Meter

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor
C14 Combustion Type Power Heater

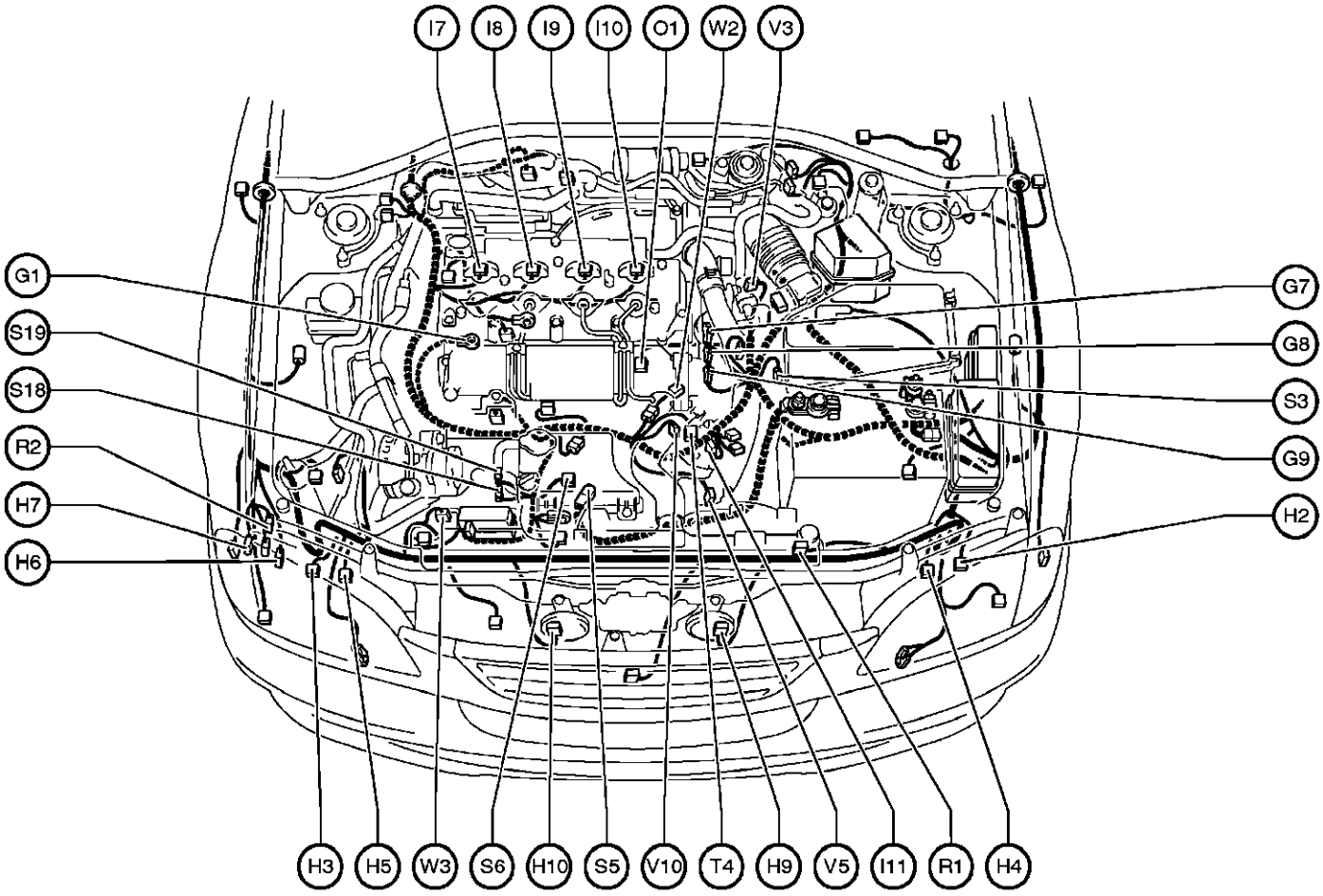
D18 Diesel Throttle Control Motor
D19 Diesel Throttle Position Sensor

E 3 Engine Oil Level Sensor
E10 Electronic Driver Unit
E11 Electronic Driver Unit

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F12 Fuel Heater
F13 Fuel Sedimentary SW
F14 Fuel Temp. Sensor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block
F28 Fuel Pressure Sensor
F29 Fuel Pump

Position of Parts in Engine Compartment

[LHD : 1CD–FTV]



G 1 Glow Plug (Engine)
G 7 Glow Plug (Power Heater)
G 8 Glow Plug (Power Heater)
G 9 Glow Plug (Power Heater)

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH

I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter
S18 Suction Control Valve 1
S19 Suction Control Valve 2

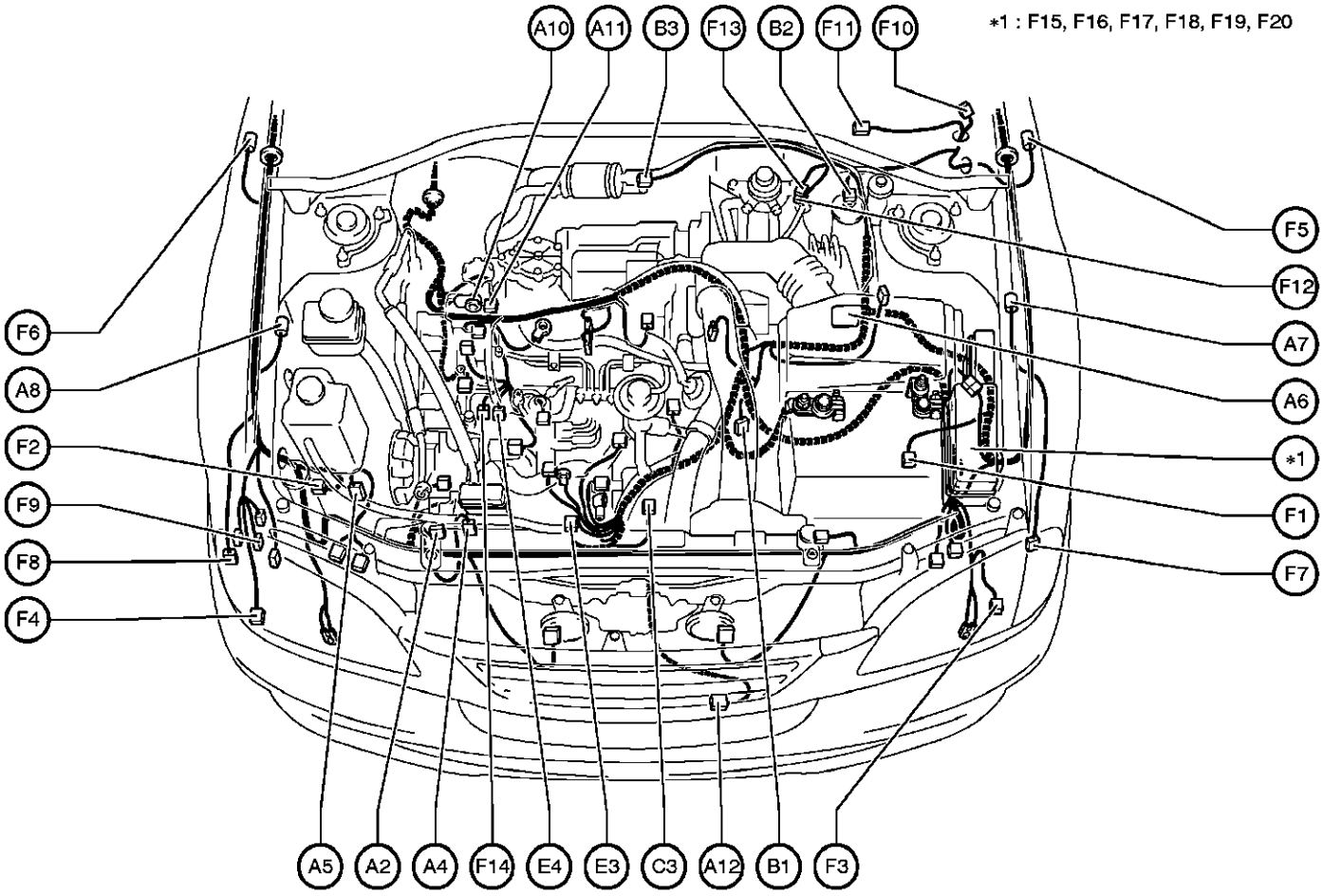
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 5 VSV (EGR)
V10 VSV (Turbo Pressure Sensor)

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Engine Compartment

[LHD : 2C–TE]



A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

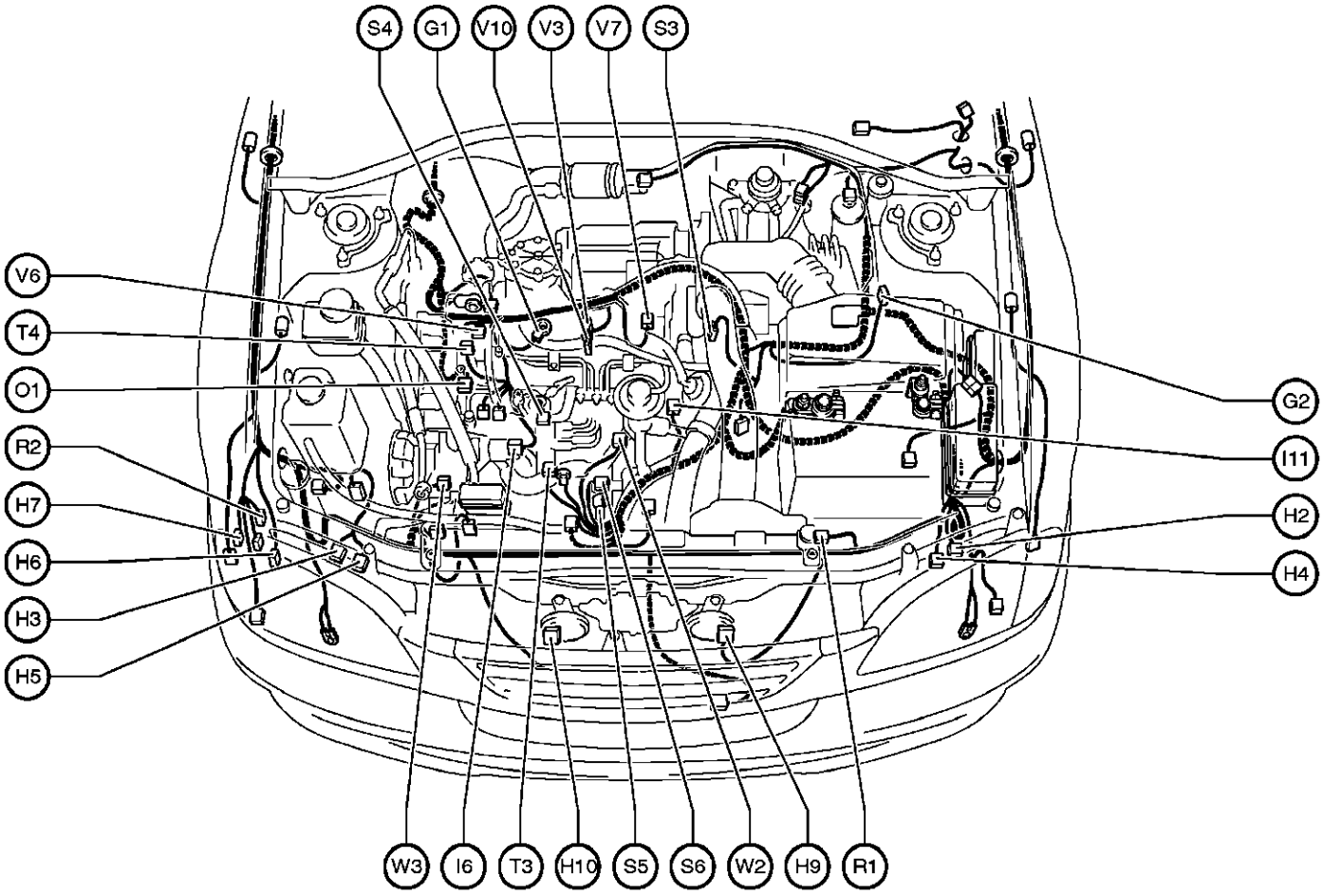
C 3 Crankshaft Position Sensor

E 3 Engine Oil Level Sensor
E 4 Engine Speed Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F10 Front Window Deicer
F11 Front Wiper Motor
F12 Fuel Heater
F13 Fuel Sedimentary SW
F14 Fuel Temp. Sensor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 2C–TE]



G 1 Glow Plug (Engine)
G 2 Glow Plug Relay

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH

I 6 Injection Pump
I 11 Intake Air Temp. Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 4 Spill Control Valve
S 5 Starter
S 6 Starter

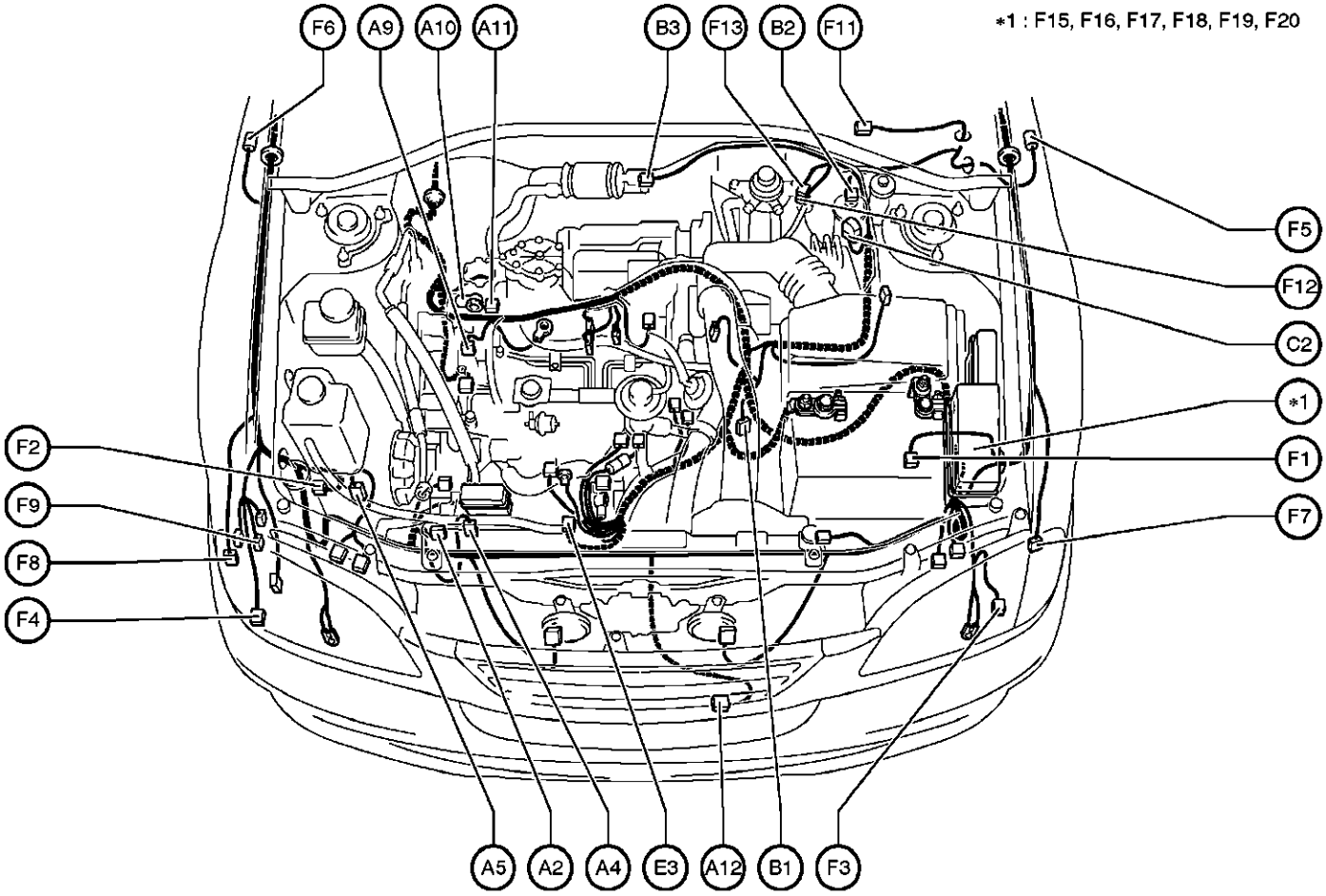
T 3 Timing Control Valve
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 6 VSV (Fully Closed)
V 7 VSV (Idle Opening)
V10 VSV (Turbo Pressure Sensor)

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Engine Compartment

[LHD : 2C–T]



A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 9 Accelerator Pedal Position Sensor
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

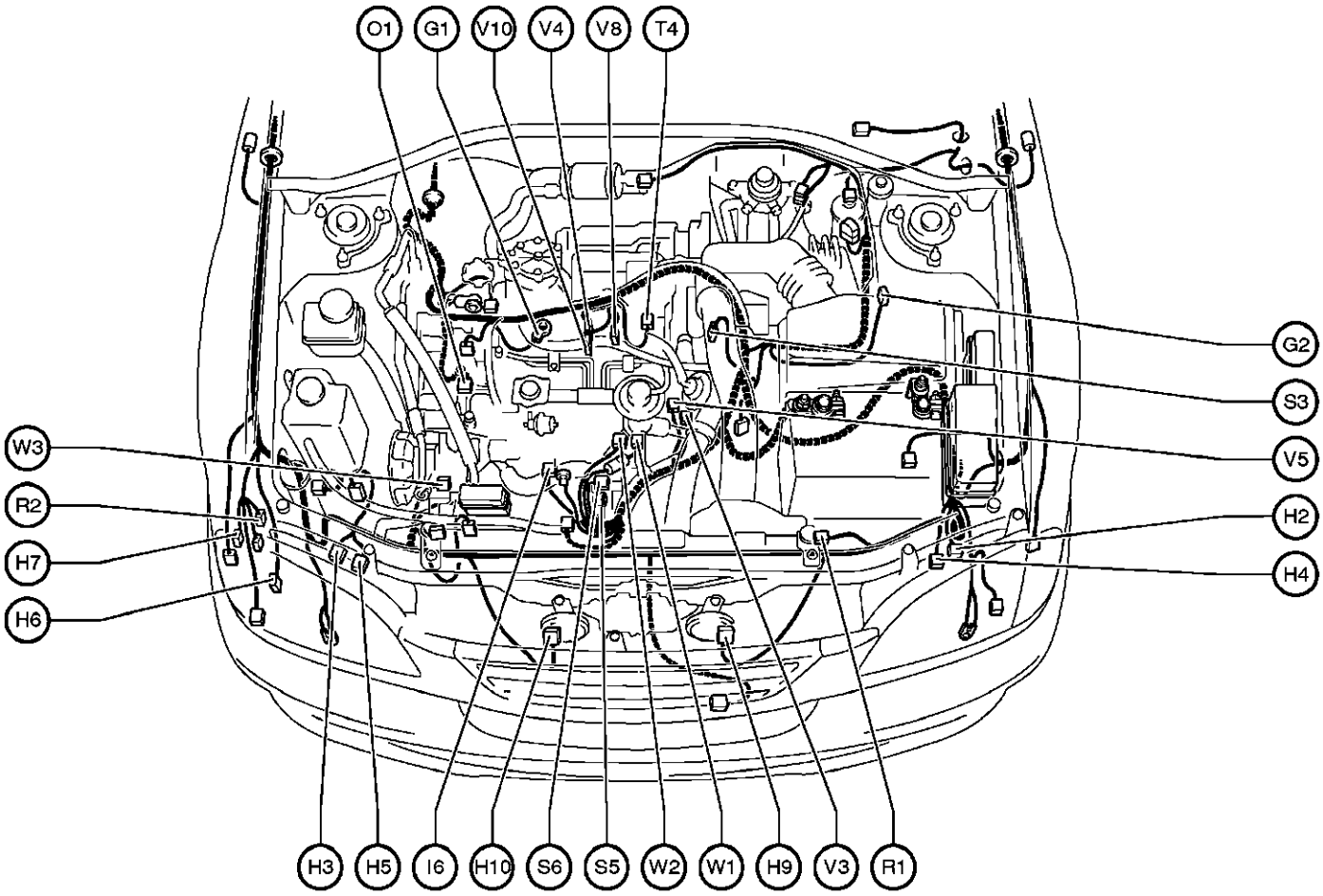
C 2 Check Connector

E 3 Engine Oil Level Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F 11 Front Wiper Motor
F 12 Fuel Heater
F 13 Fuel Sedimentary SW
F 15 Fusible Link Block
F 16 Fusible Link Block
F 17 Fusible Link Block
F 18 Fusible Link Block
F 19 Fusible Link Block
F 20 Fusible Link Block

Position of Parts in Engine Compartment

[LHD : 2C–T]



G 1 Glow Plug (Engine)
G 2 Glow Plug Relay

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 6 Headlight Cleaner Motor
H 7 Headlight Cleaner Relay
H 9 Horn LH
H10 Horn RH

I 6 Injection Pump

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

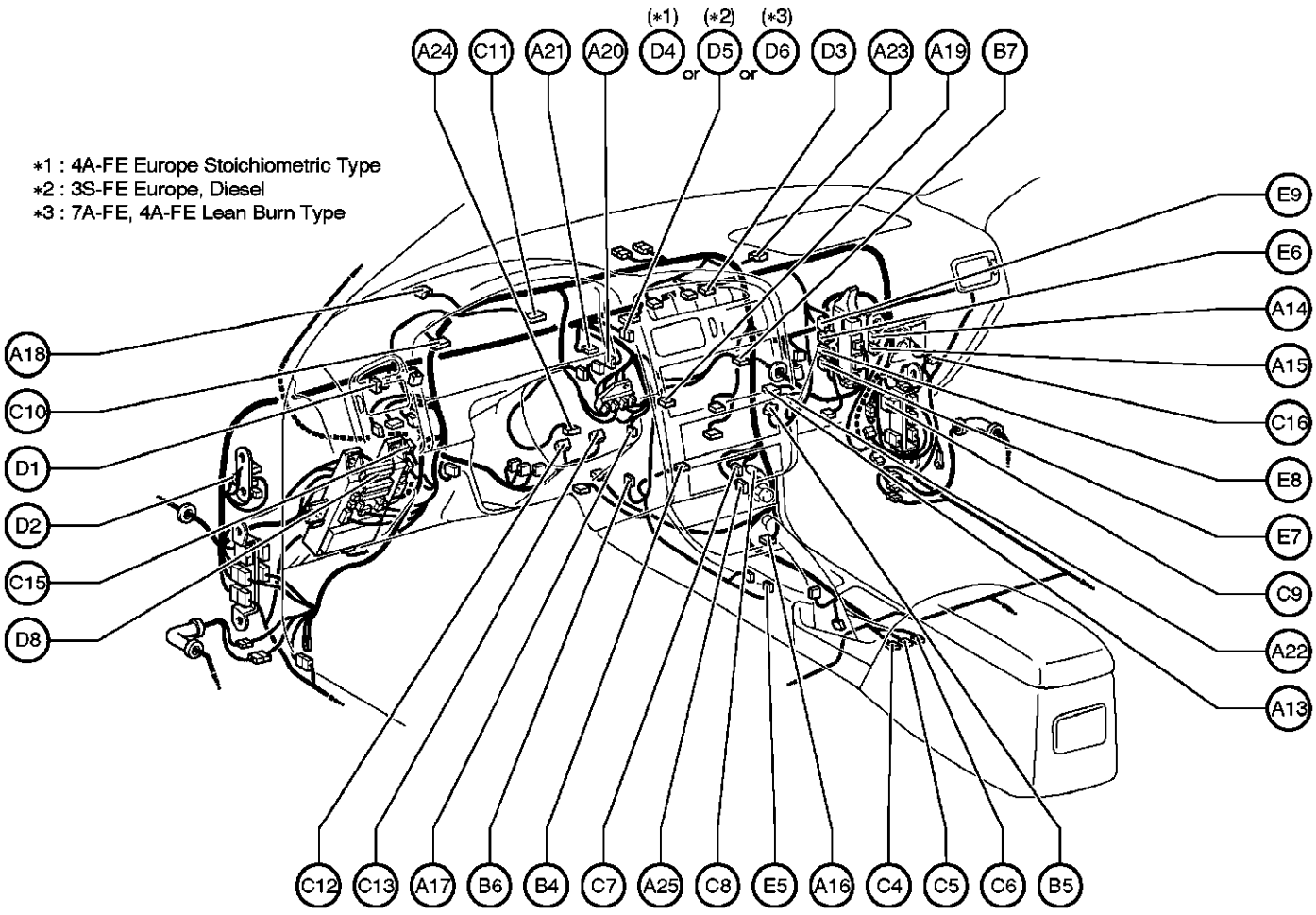
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 4 VSV (BACS)
V 5 VSV (EGR)
V 8 VSV (Idle–Up)
V10 VSV (Turbo Pressure Sensor)

W 1 Water Temp. Sender
W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Instrument Panel

[LHD]



A13 A/C Amplifier
A14 A/C Amplifier
A15 A/C Amplifier
A16 A/C Evaporator Temp. Sensor
A17 A/C Room Temp. Sensor
A18 A/C Solar Sensor
A19 A/C SW
A20 Accelerator Pedal Position Sensor
A21 Accelerator Position SW
A22 Air Mix Control Servo Motor
A23 Airbag Squib (Front Passenger Airbag Assembly)
A24 Airbag Squib (Steering Wheel Pad)
A25 Ashtray Illumination

B 4 Blower Controller
B 5 Blower Motor
B 6 Blower Resistor
B 7 Blower SW

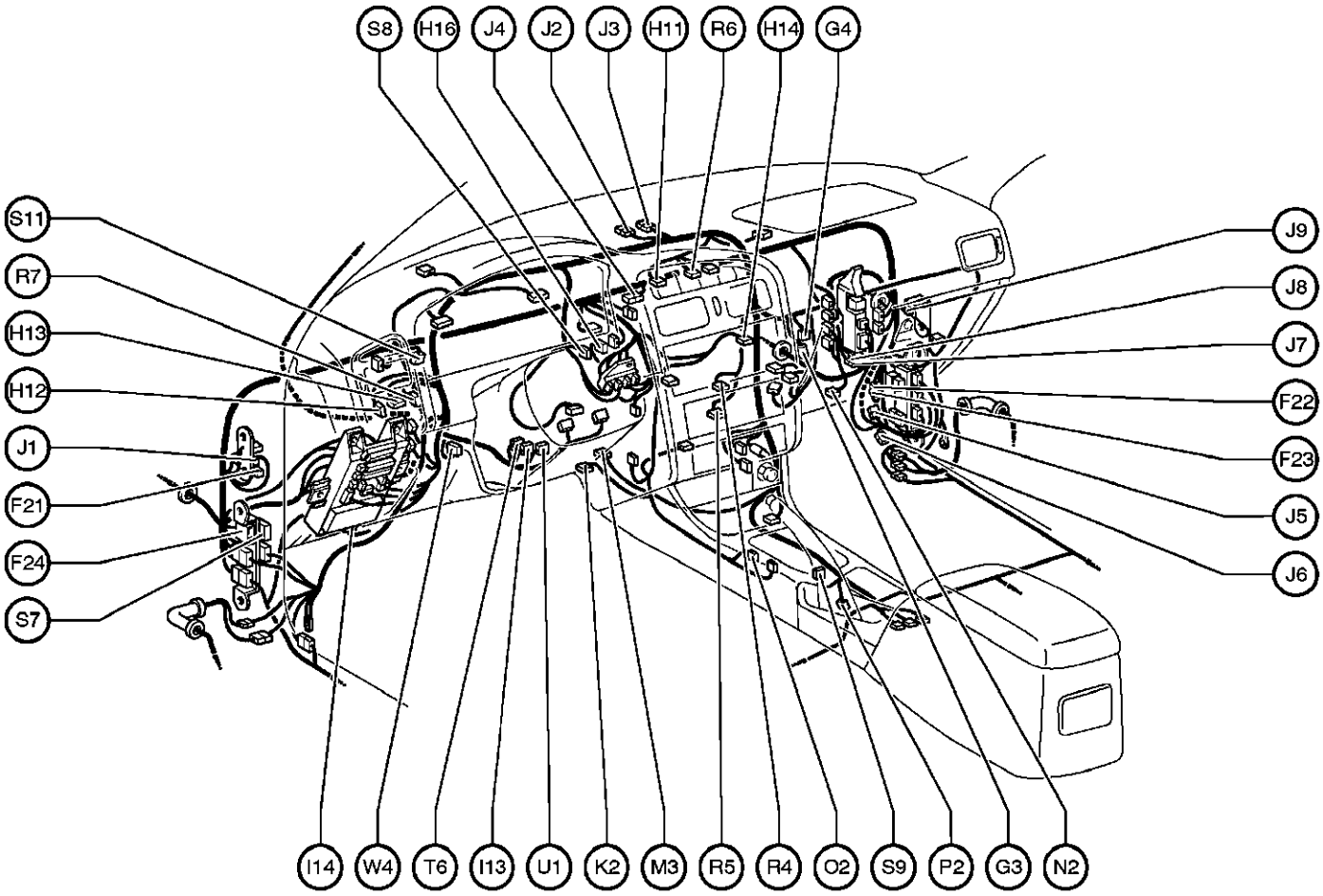
C 4 Center Airbag Sensor Assembly
C 5 Center Airbag Sensor Assembly
C 6 Center Airbag Sensor Assembly
C 7 Cigarette Lighter
C 8 Cigarette Lighter Illumination
C 9 Circuit Opening Relay
C10 Combination Meter
C11 Combination Meter
C12 Combination SW
C13 Combination SW
C15 Curtain Airbag Squib LH
C16 Curtain Airbag Squib RH

D 1 Daytime Running Light Relay
D 2 Defogger Relay
D 3 Deicer SW or Short Connector (Deicer SW)
D 4 Diode (EFI)
D 5 Diode (Idle–Up)
D 6 Diode (Idle–Up)
D 8 DLC3

E 5 ECT Pattern Select SW
E 6 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 7 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 8 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 9 Engine ECU

Position of Parts in Instrument Panel

[LHD]



F 21 Front Fog Light Relay
F 22 Fuel Control Connector
F 23 Fuel Control Connector
F 24 Fuse Box

G 3 Glove Box Light
G 4 Glove Box Light SW

H 11 Hazard SW
H 12 Headlight Beam Level Control SW
H 13 Headlight Cleaner SW
H 14 Heater Control SW
H 16 Heater SW

I 13 Ignition SW
I 14 Integration Relay

J 1 Junction Connector
J 2 Junction Connector
J 3 Junction Connector
J 4 Junction Connector
J 5 Junction Connector
J 6 Junction Connector
J 7 Junction Connector
J 8 Junction Connector
J 9 Junction Connector

K 2 Kick Down SW

M 3 Max Hot SW

N 2 Noise Filter (Ignition System)

O 2 O/D Main SW

P 2 Parking Brake SW

R 4 Radio and Player
R 5 Radio and Player
R 6 Rear Window Defogger SW
R 7 Remote Control Mirror SW

S 7 Seat Heater Relay
S 8 Seat Heater SW (Driver's Seat)
S 9 Seat Heater SW (Front Passenger's Seat)
S 11 Stop Light SW

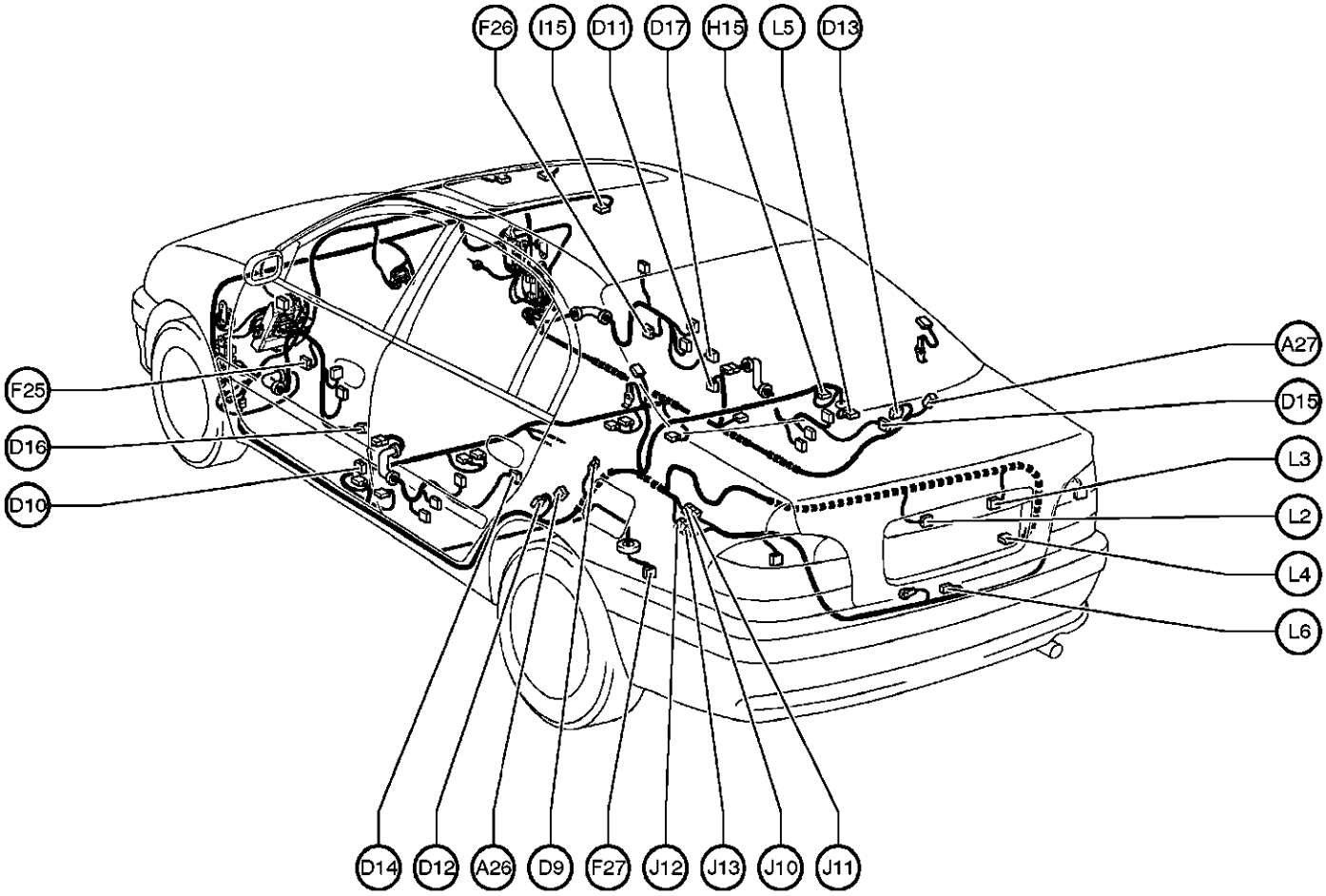
T 6 Transponder Key ECU

U 1 Unlock Warning SW

W 4 Wireless Door Lock ECU

Position of Parts in Body

[LHD : S/D]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

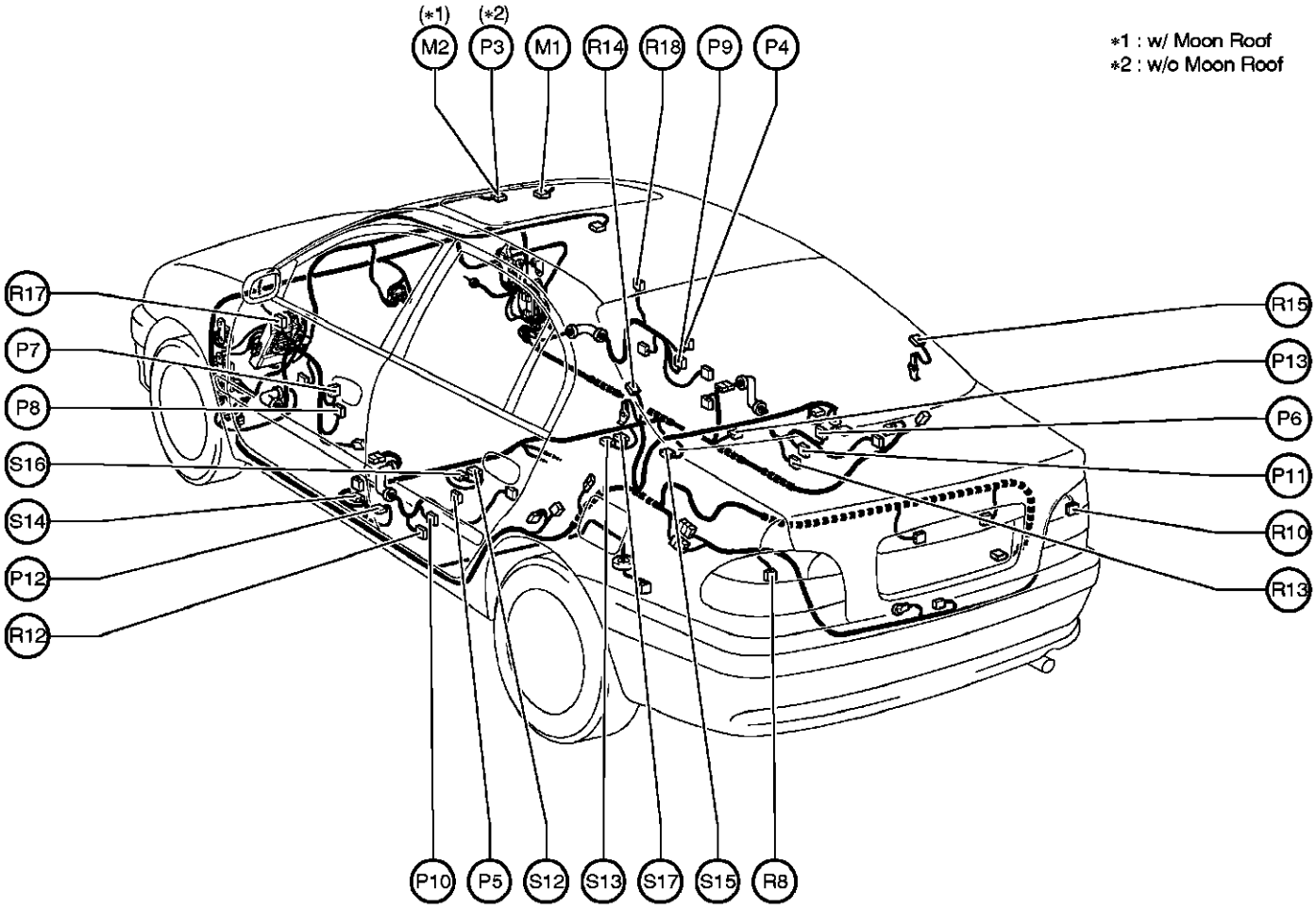
I 15 Interior Light

J 10 Junction Connector
J 11 Junction Connector
J 12 Junction Connector
J 13 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 4 Luggage Compartment Door Lock Motor
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[LHD : S/D]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

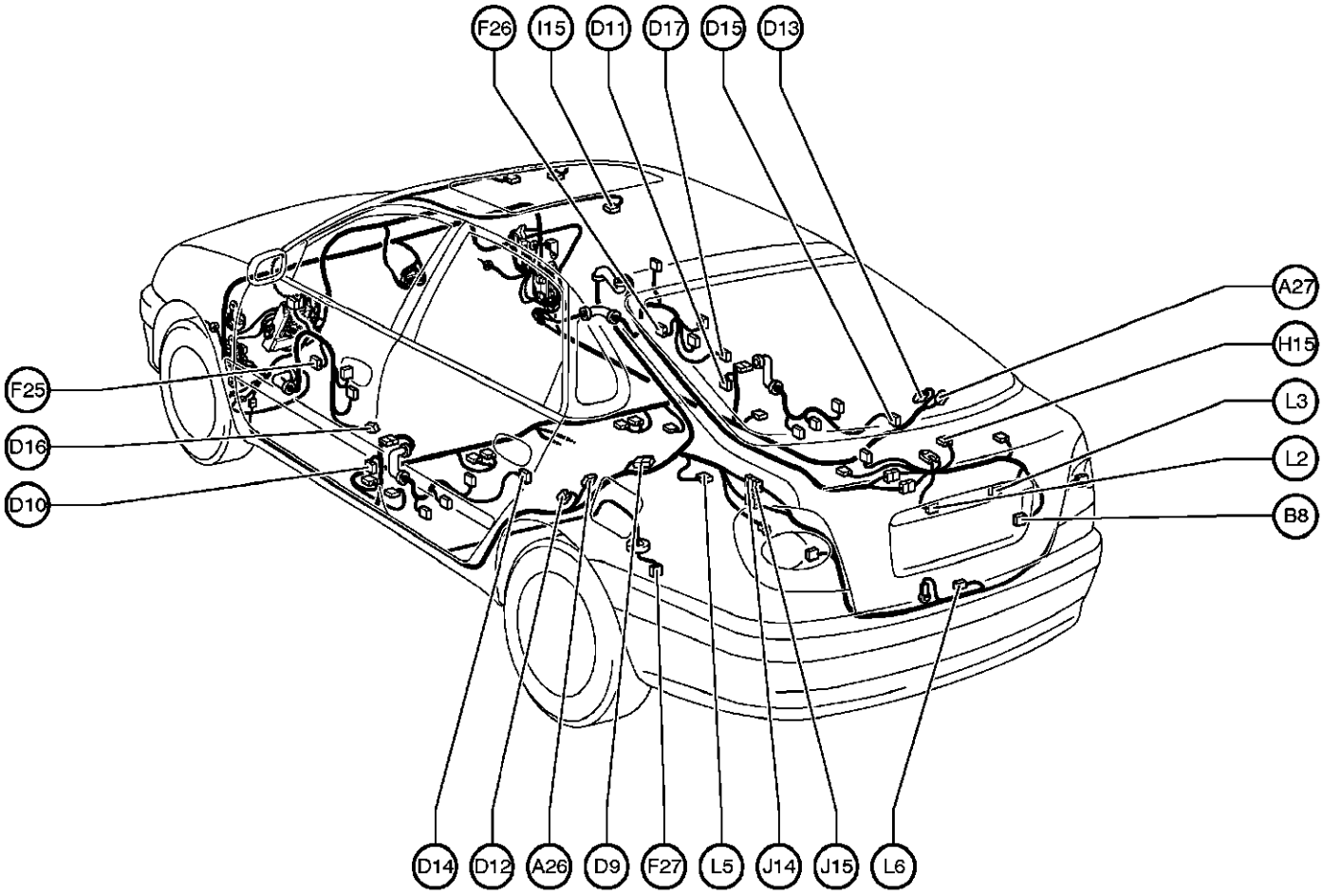
P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S12 Seat Heater (Driver's Seat)
S13 Seat Heater (Front Passenger's Seat)
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

Position of Parts in Body

[LHD : L/B]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

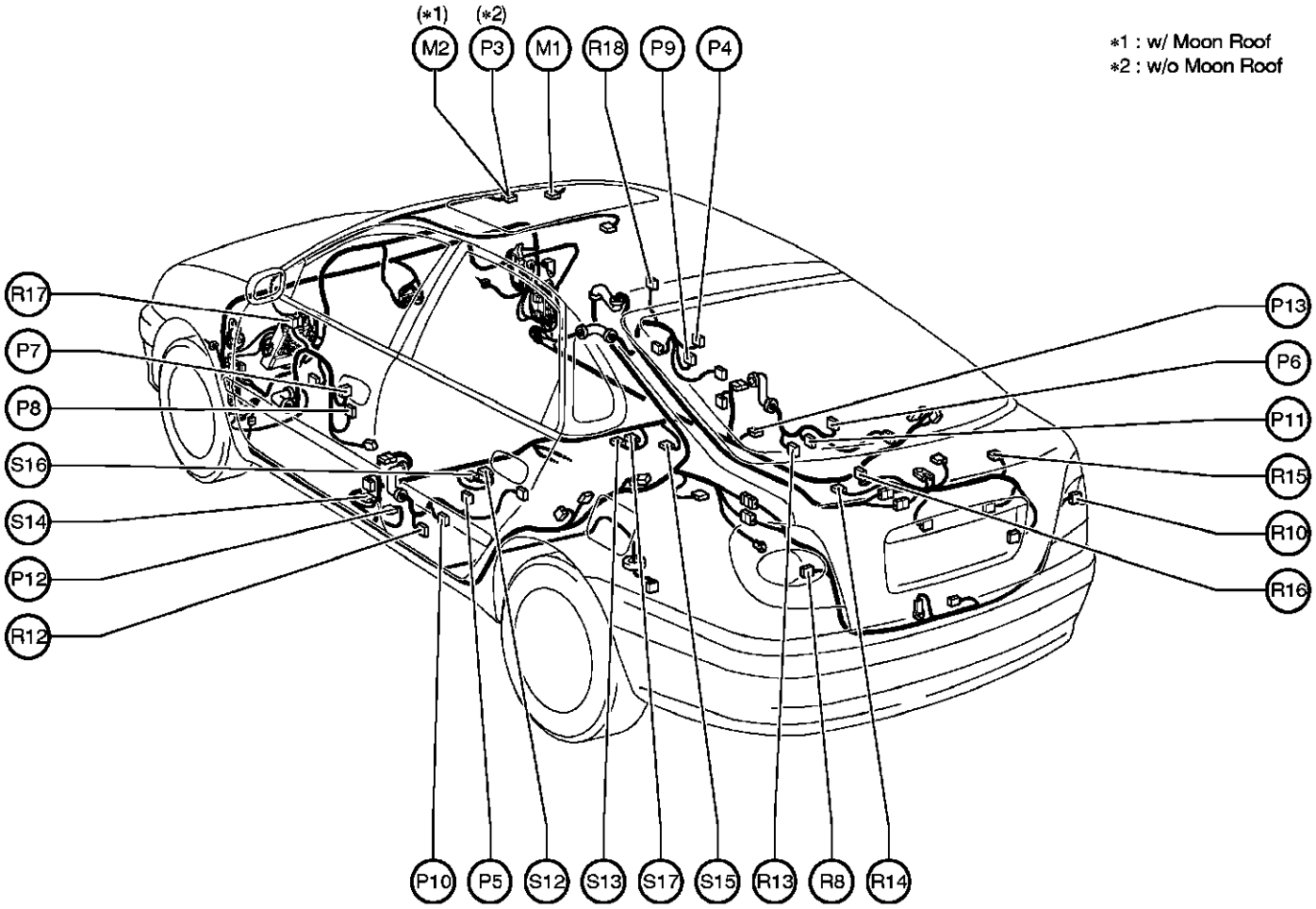
I 15 Interior Light

J 14 Junction Connector
J 15 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[LHD : L/B]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

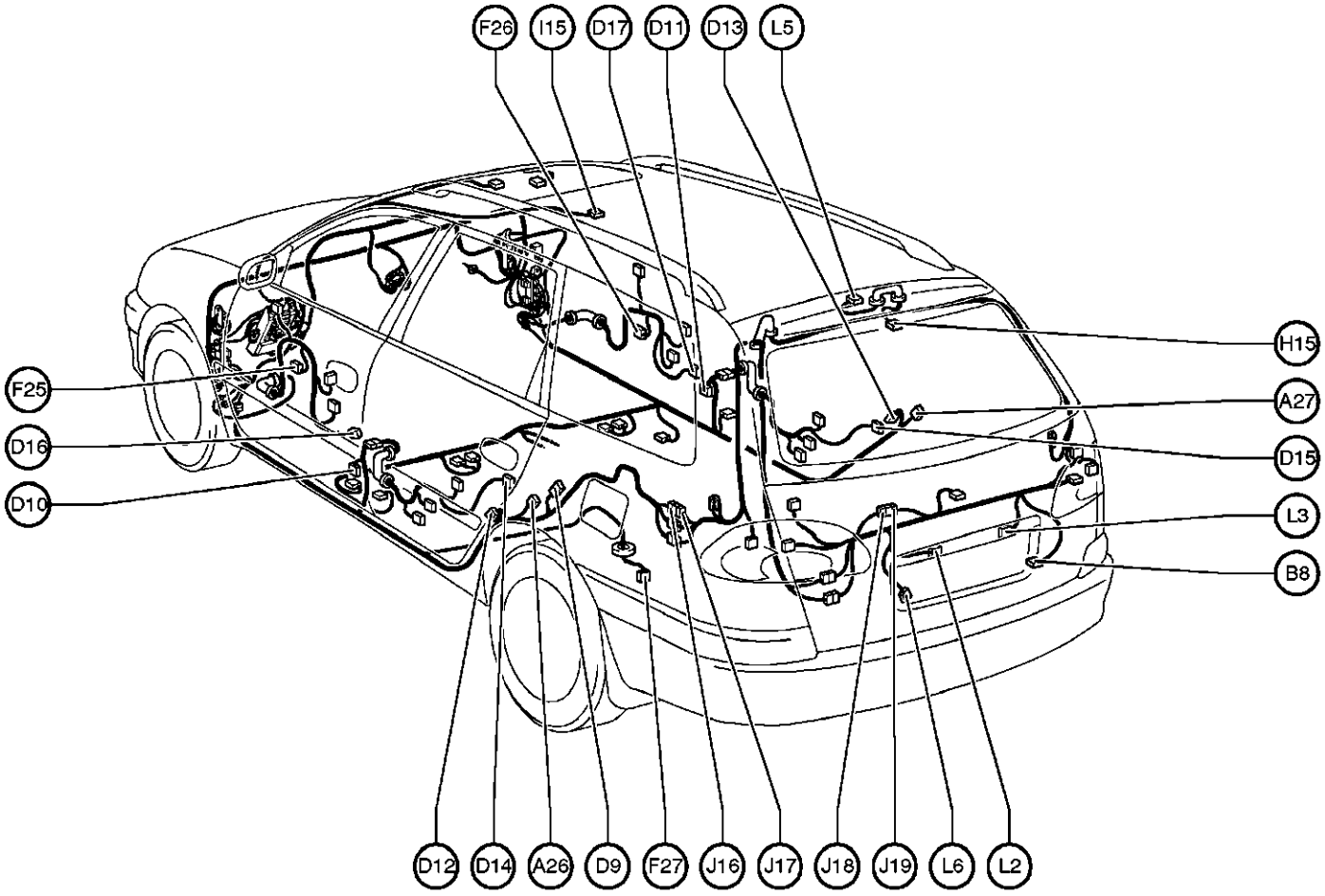
P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S12 Seat Heater (Driver's Seat)
S13 Seat Heater (Front Passenger's Seat)
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

Position of Parts in Body

[LHD : W/G]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

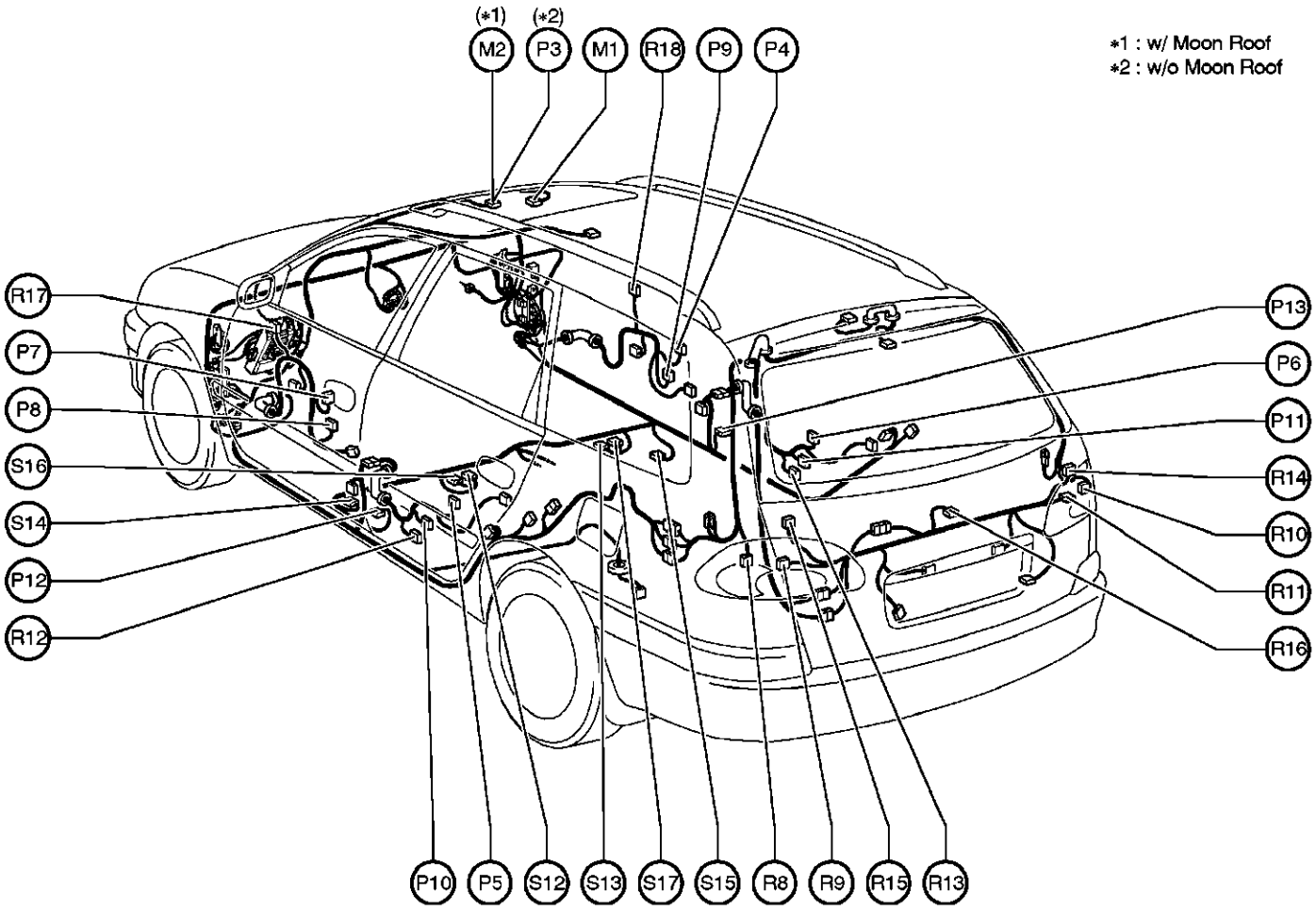
I 15 Interior Light

J 16 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 19 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[LHD : W/G]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

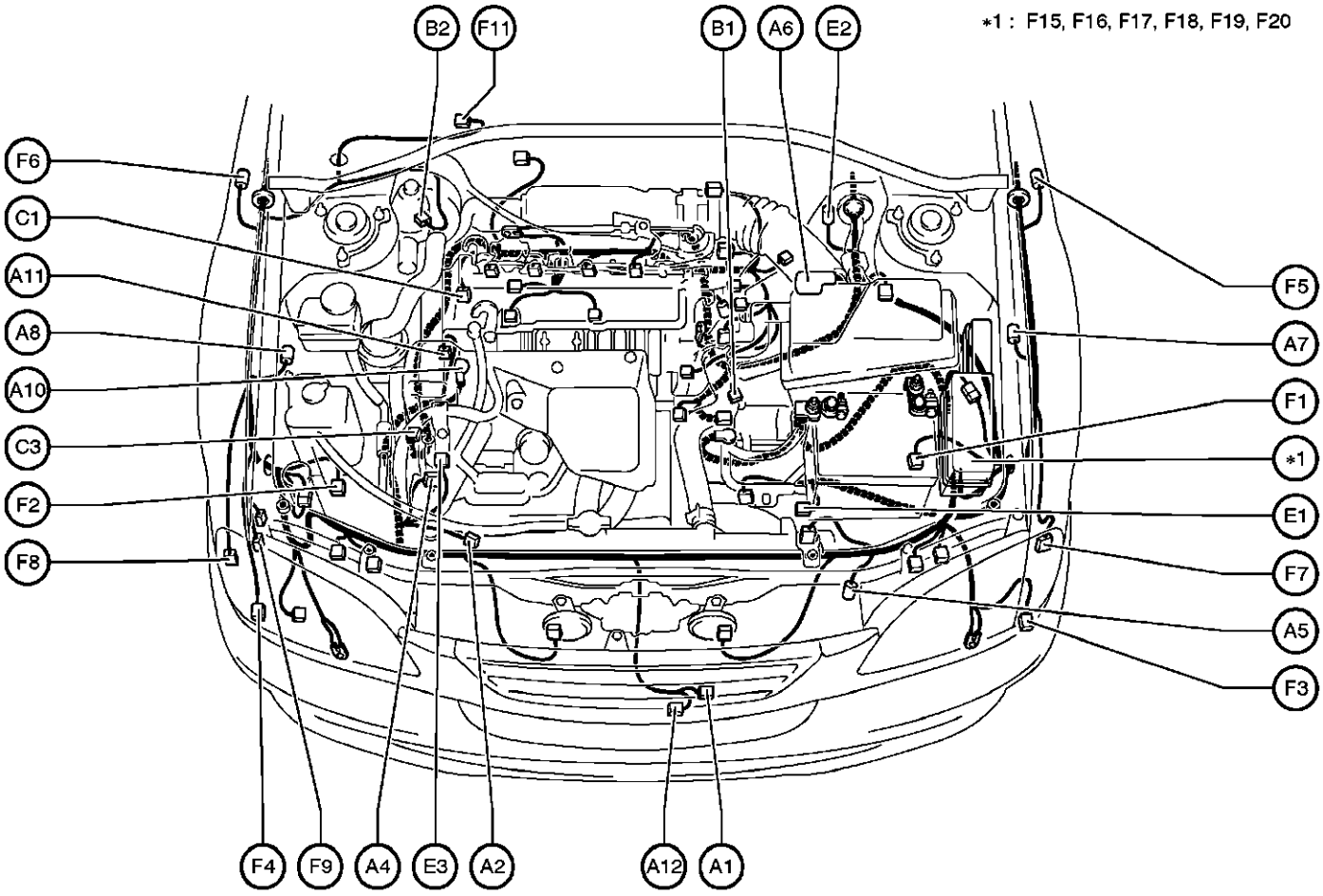
P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R 9 Rear Combination Light LH
R10 Rear Combination Light RH
R11 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S12 Seat Heater (Driver's Seat)
S13 Seat Heater (Front Passenger's Seat)
S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

Position of Parts in Engine Compartment

[RHD : 3S–FE]



A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW

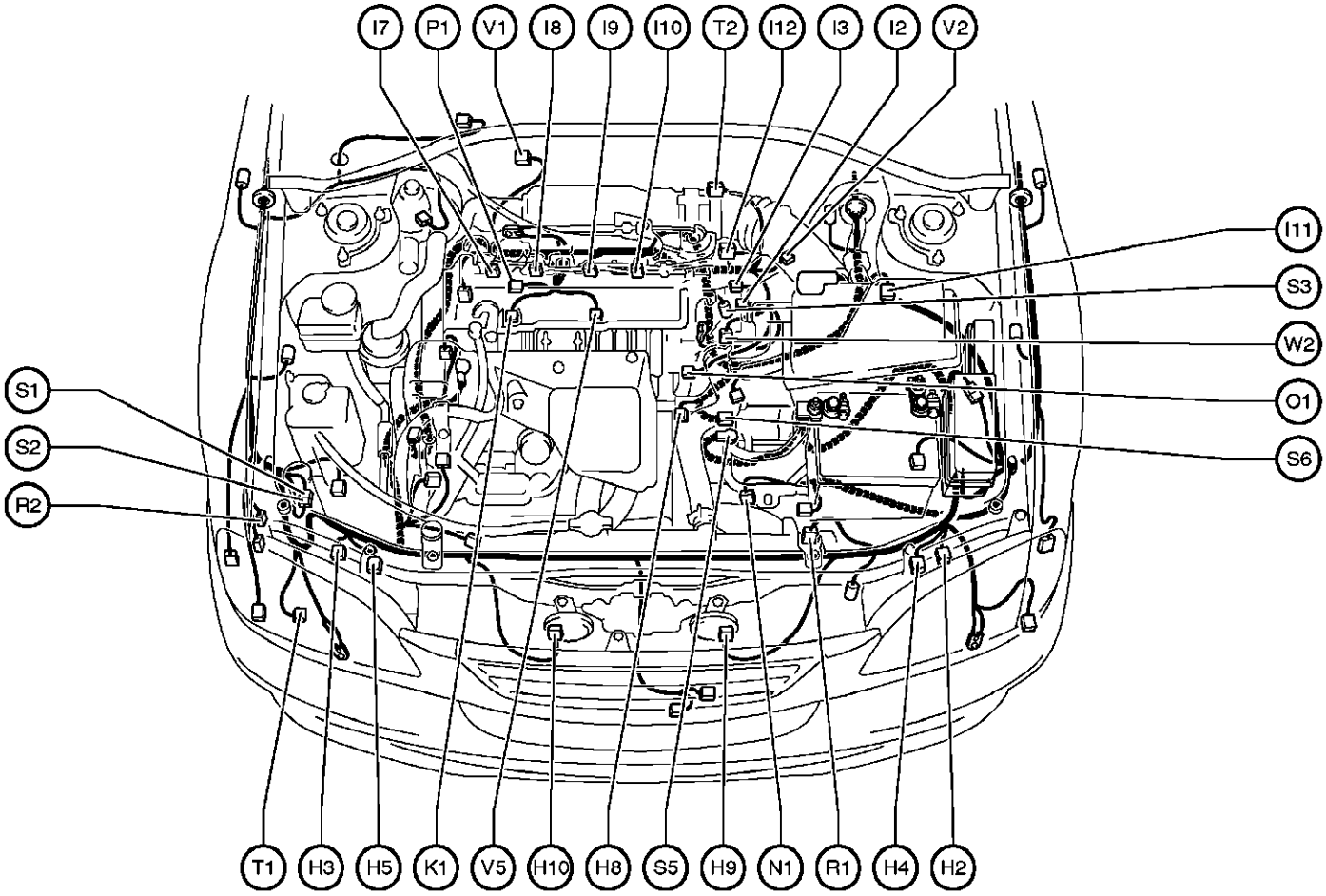
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 Engine Hood Courtesy SW
E 3 Engine Oil Level Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[RHD : 3S–FE]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 8 Heated Oxygen Sensor
H 9 Horn LH
H10 Horn RH

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 3 Speed Sensor
S 5 Starter
S 6 Starter

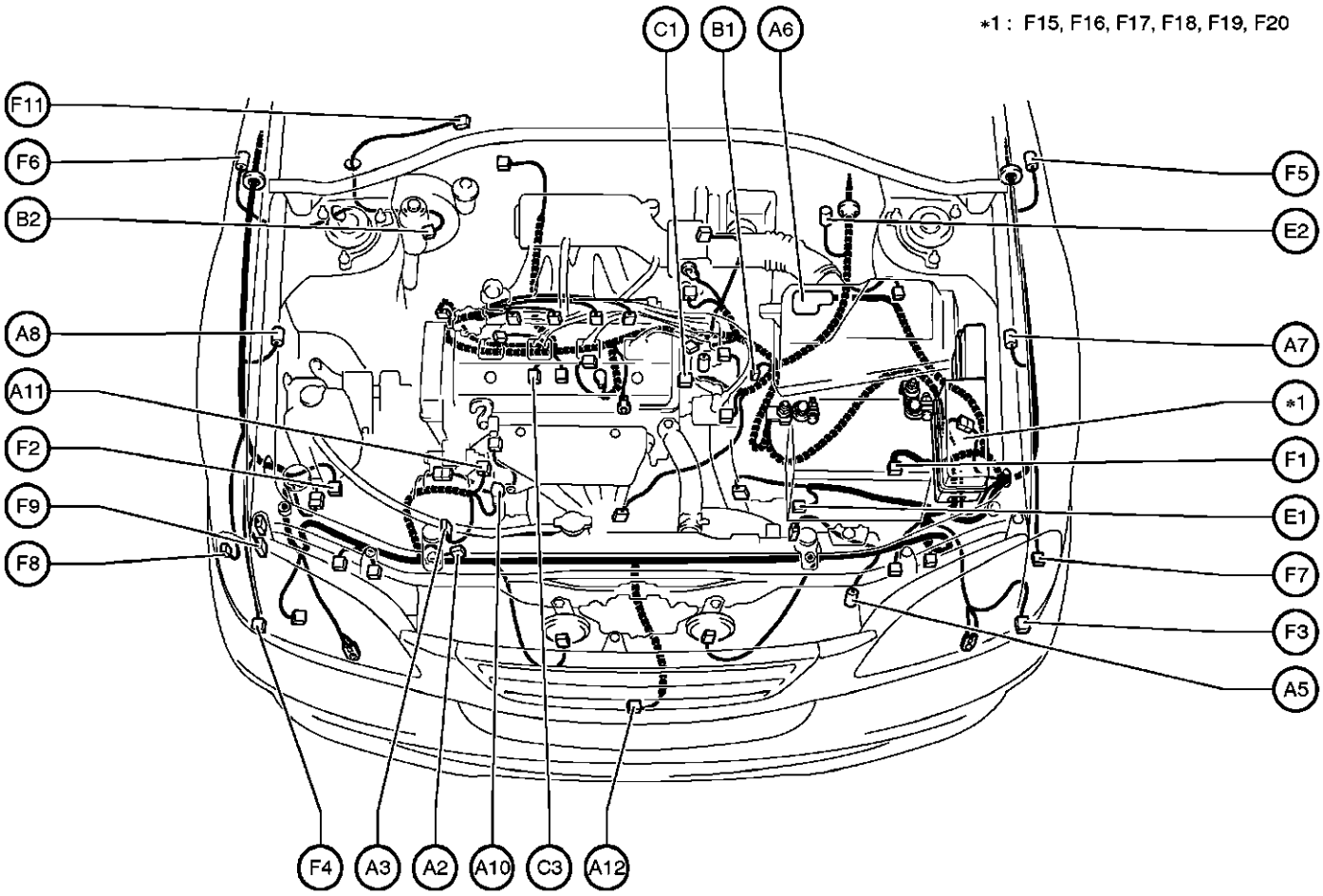
T 1 Theft Deterrent Siren
T 2 Throttle Position Sensor

V 1 Vacuum Sensor
V 2 Variable Resistor
V 5 VSV (EGR)

W 2 Water Temp. Sensor

Position of Parts in Engine Compartment

[RHD : 7A–FE, 4A–FE Lean Burn Type]



A 2 A/C Condenser Fan Motor
A 3 A/C Magnetic Clutch
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW

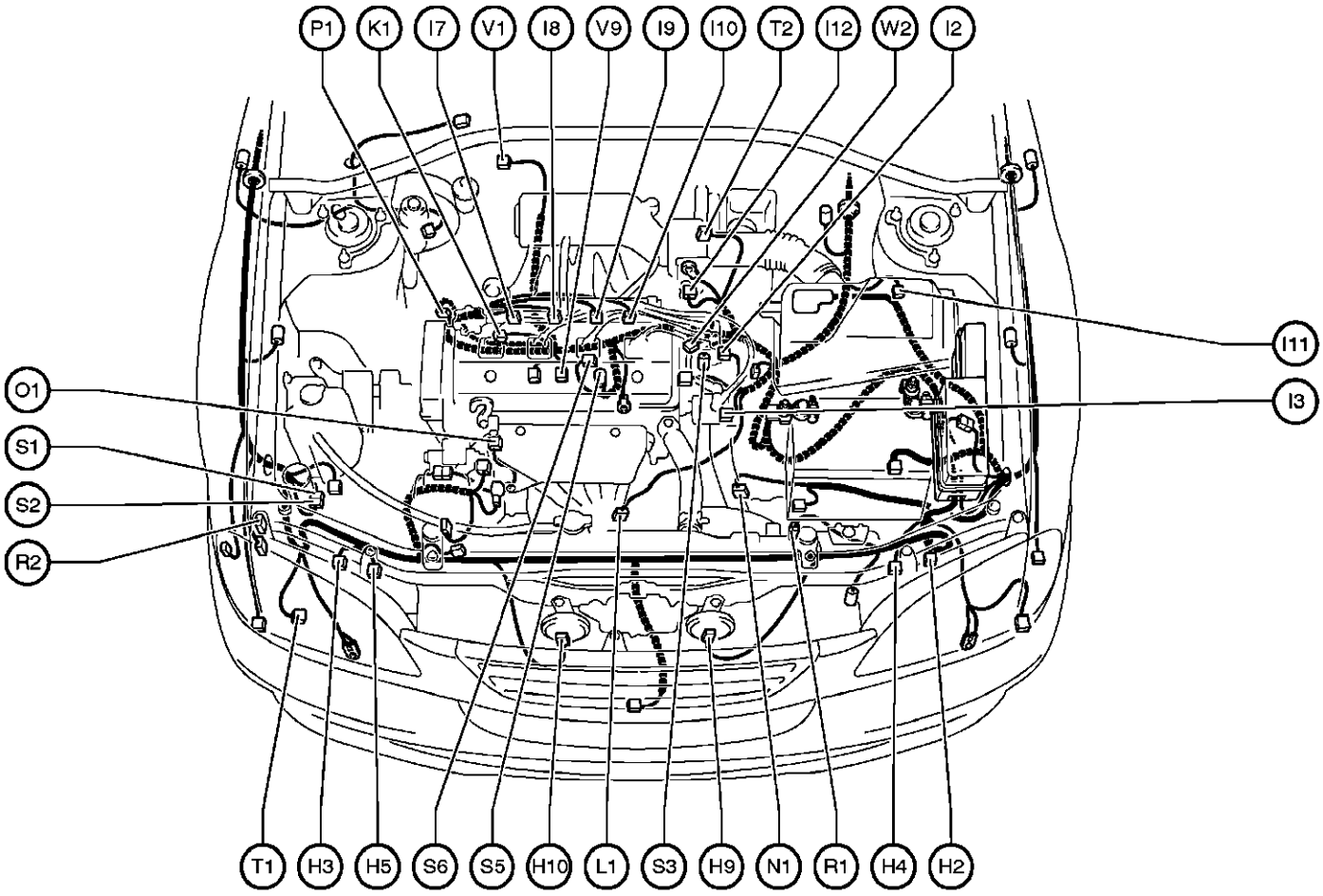
C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

E 1 ECT Solenoid
E 2 Engine Hood Courtesy SW

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[RHD : 7A–FE, 4A–FE Lean Burn Type]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH

I 2 Ignition Coil and Igniter No.1
I 3 Ignition Coil and Igniter No.2
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

L 1 Lean Mixture Sensor

N 1 Neutral Start SW

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 3 Speed Sensor
S 5 Starter
S 6 Starter

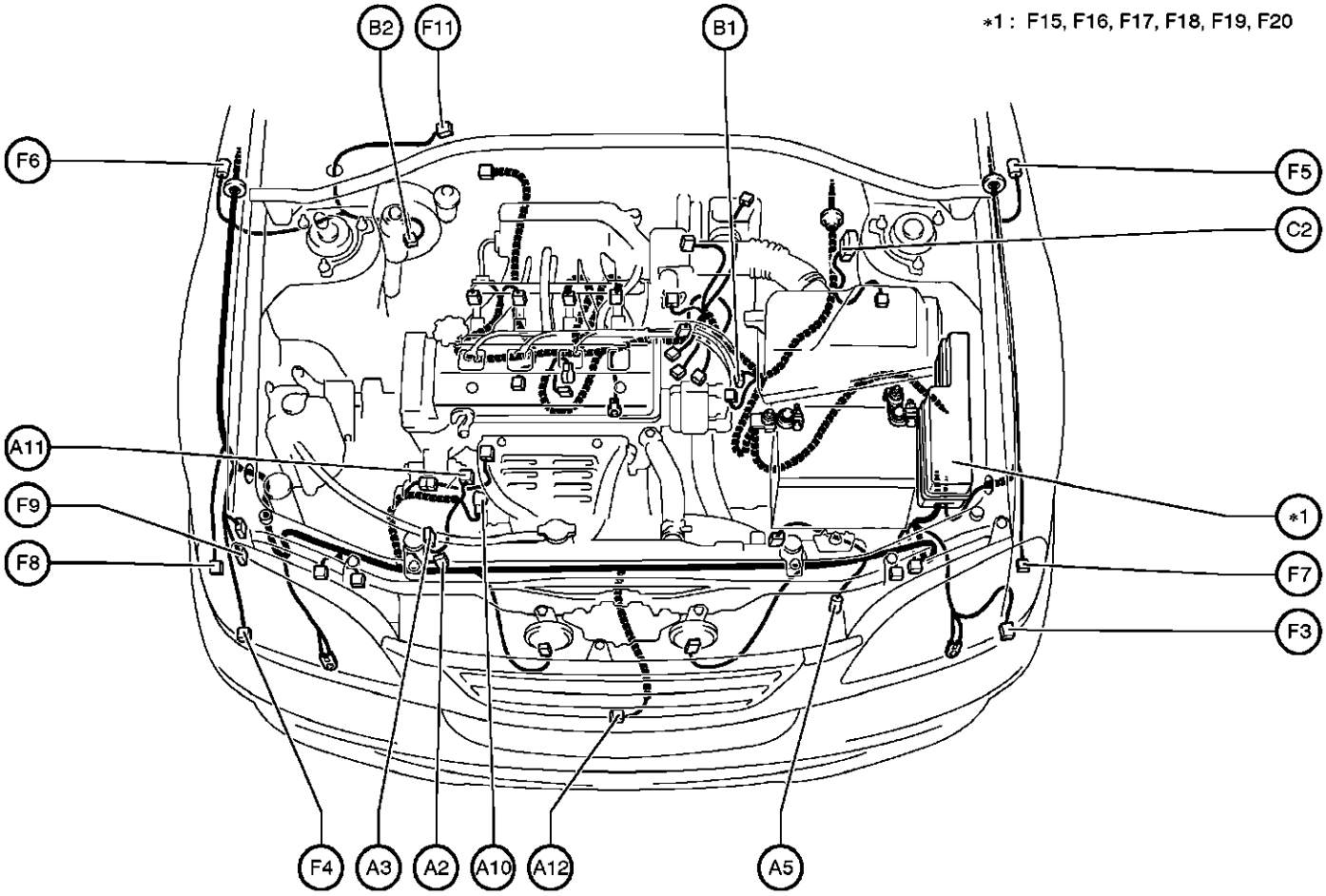
T 1 Theft Deterrent Siren
T 2 Throttle Position Sensor

V 1 Vacuum Sensor
V 9 VSV (Swirl Control)

W 2 Water Temp. Sensor

Position of Parts in Engine Compartment

[RHD : 4A–FE Stoichiometric Type]



A 2 A/C Condenser Fan Motor
A 3 A/C Magnetic Clutch
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

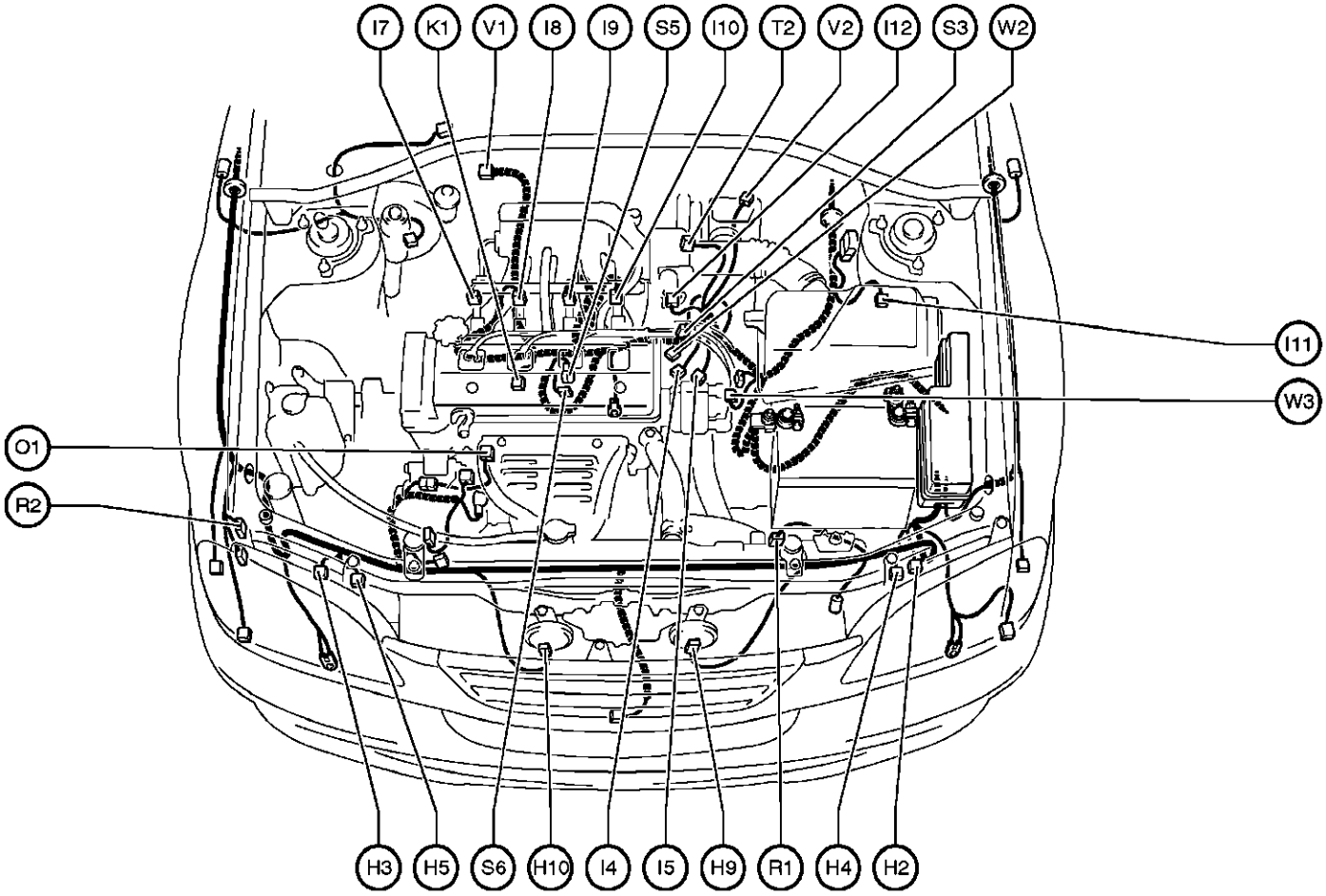
B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW

C 2 Check Connector

F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[RHD : 4A–FE Stoichiometric Type]



H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH

I 4 IIA
I 5 IIA
I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor
I 12 ISC Valve

K 1 Knock Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 3 Speed Sensor
S 5 Starter
S 6 Starter

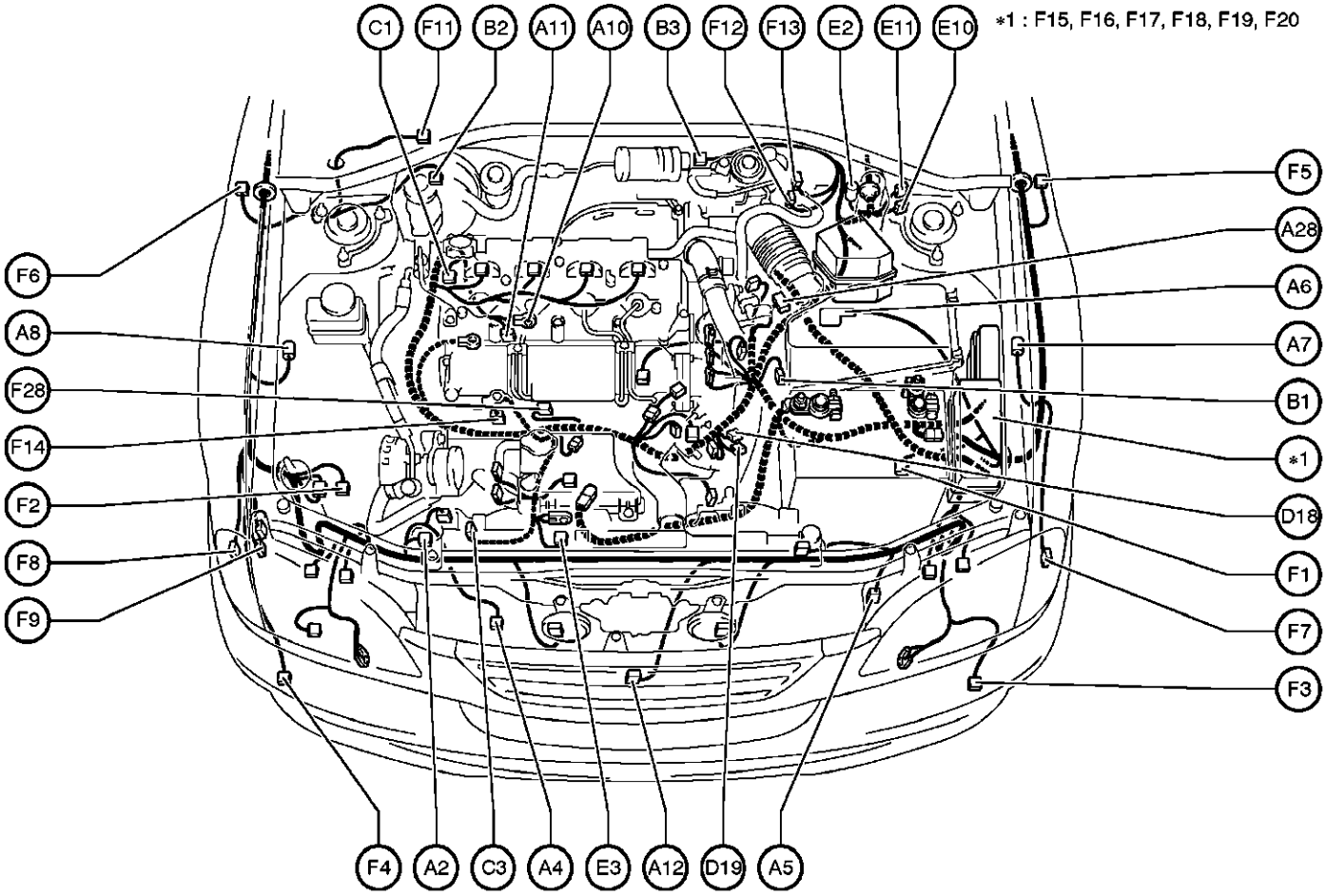
T 2 Throttle Position Sensor

V 1 Vacuum Sensor
V 2 Variable Resistor

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Engine Compartment

[RHD : 1CD–FTV]



A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor
A28 Air Flow Meter

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

C 1 Camshaft Position Sensor
C 3 Crankshaft Position Sensor

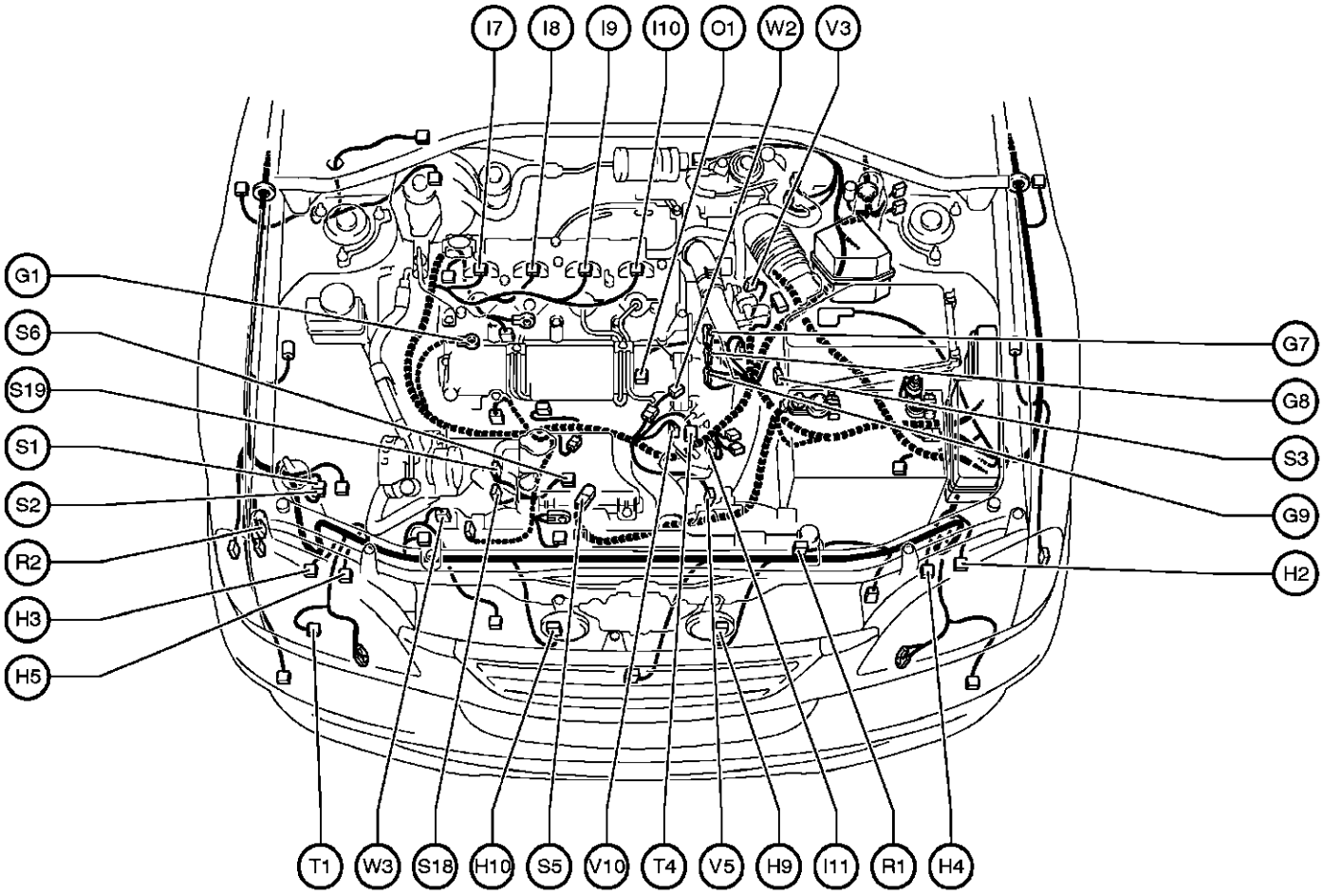
D18 Diesel Throttle Control Motor
D19 Diesel Throttle Position Sensor

E 2 Engine Hood Courtesy SW
E 3 Engine Oil Level Sensor
E10 Electronic Driver Unit
E11 Electronic Driver Unit

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F12 Fuel Heater
F13 Fuel Sedimentary SW
F14 Fuel Temp. Sensor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block
F28 Fuel Pressure Sensor

Position of Parts in Engine Compartment

[RHD : 1CD–FTV]



G 1 Glow Plug (Engine)
G 7 Glow Plug (Power Heater)
G 8 Glow Plug (Power Heater)
G 9 Glow Plug (Power Heater)

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH

I 7 Injector No.1
I 8 Injector No.2
I 9 Injector No.3
I 10 Injector No.4
I 11 Intake Air Temp. Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 3 Speed Sensor
S 5 Starter
S 6 Starter
S18 Suction Control Valve 1
S19 Suction Control Valve 2

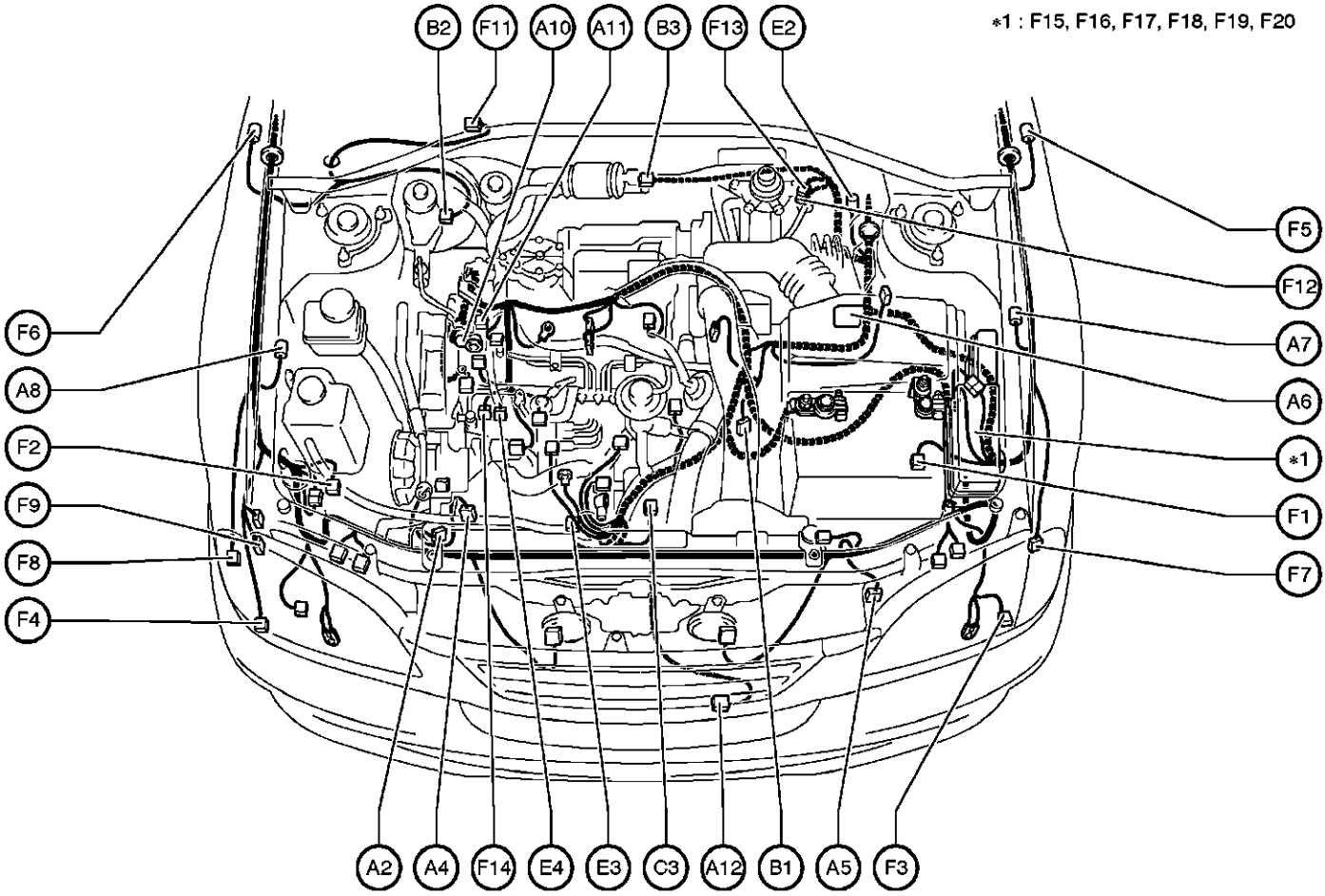
T 1 Theft Deterrent Siren
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 5 VSV (EGR)
V10 VSV (Turbo Pressure Sensor)

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Engine Compartment

[RHD : 2C–TE]



A 2 A/C Condenser Fan Motor
A 4 A/C Magnetic Clutch and Lock Sensor
A 5 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 6 ABS ECU with Actuator
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A10 Alternator
A11 Alternator
A12 Ambient Temp. Sensor

B 1 Back–Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

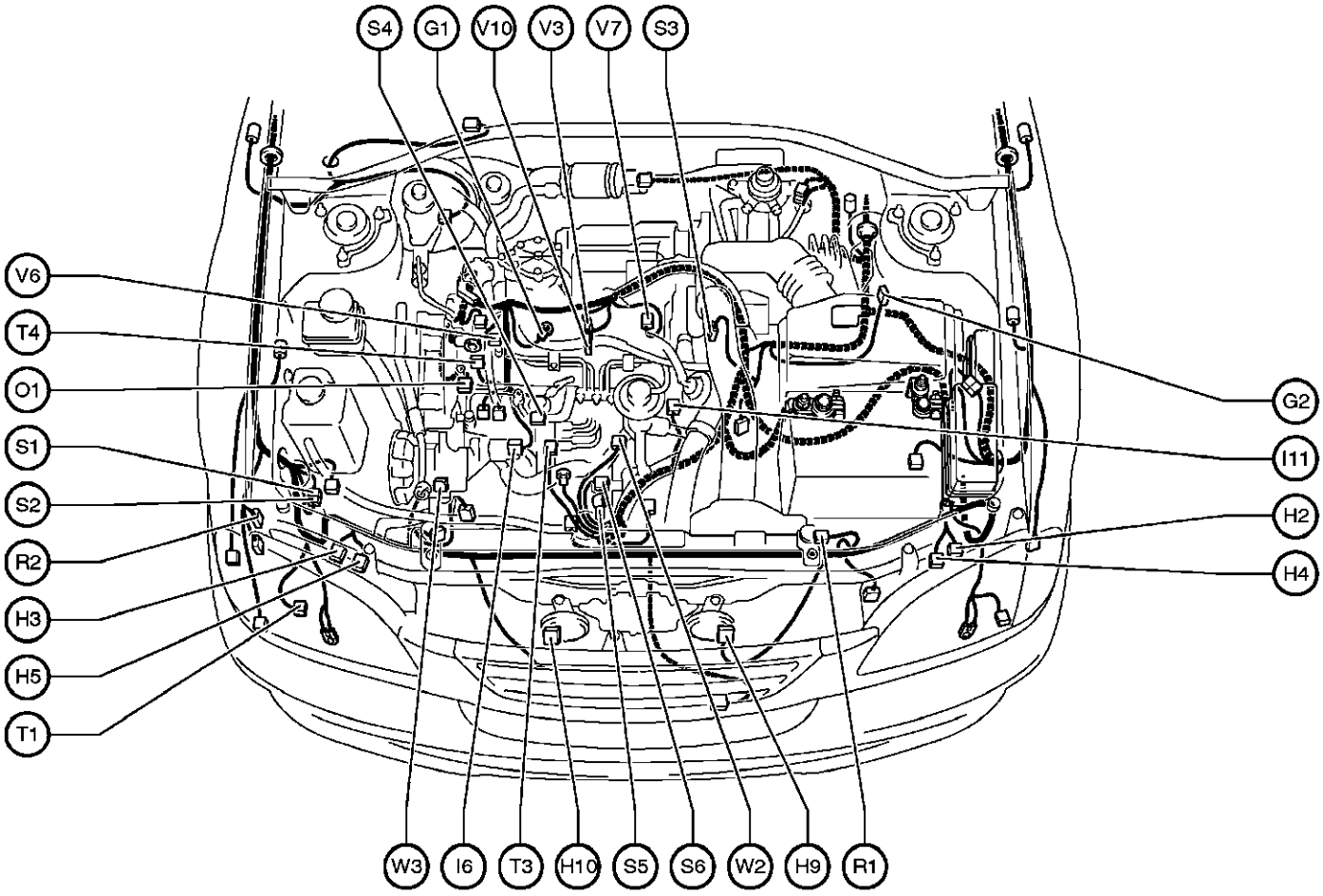
C 3 Crankshaft Position Sensor

E 2 Engine Hood Courtesy SW
E 3 Engine Oil Level Sensor
E 4 Engine Speed Sensor

F 1 Front Airbag Sensor LH
F 2 Front Airbag Sensor RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Washer Motor
F11 Front Wiper Motor
F12 Fuel Heater
F13 Fuel Sedimentary SW
F14 Fuel Temp. Sensor
F15 Fusible Link Block
F16 Fusible Link Block
F17 Fusible Link Block
F18 Fusible Link Block
F19 Fusible Link Block
F20 Fusible Link Block

Position of Parts in Engine Compartment

[RHD : 2C–TE]



G 1 Glow Plug (Engine)
G 2 Glow Plug Relay

H 2 Headlight and Front Clearance Light LH
H 3 Headlight and Front Clearance Light RH
H 4 Headlight Beam Level Control Actuator LH
H 5 Headlight Beam Level Control Actuator RH
H 9 Horn LH
H10 Horn RH

I 6 Injection Pump
I 11 Intake Air Temp. Sensor

O 1 Oil Pressure SW

R 1 Radiator Fan Motor
R 2 Rear Washer Motor

S 1 Short Connector
S 2 Short Connector
S 3 Speed Sensor
S 4 Spill Control Valve
S 5 Starter
S 6 Starter

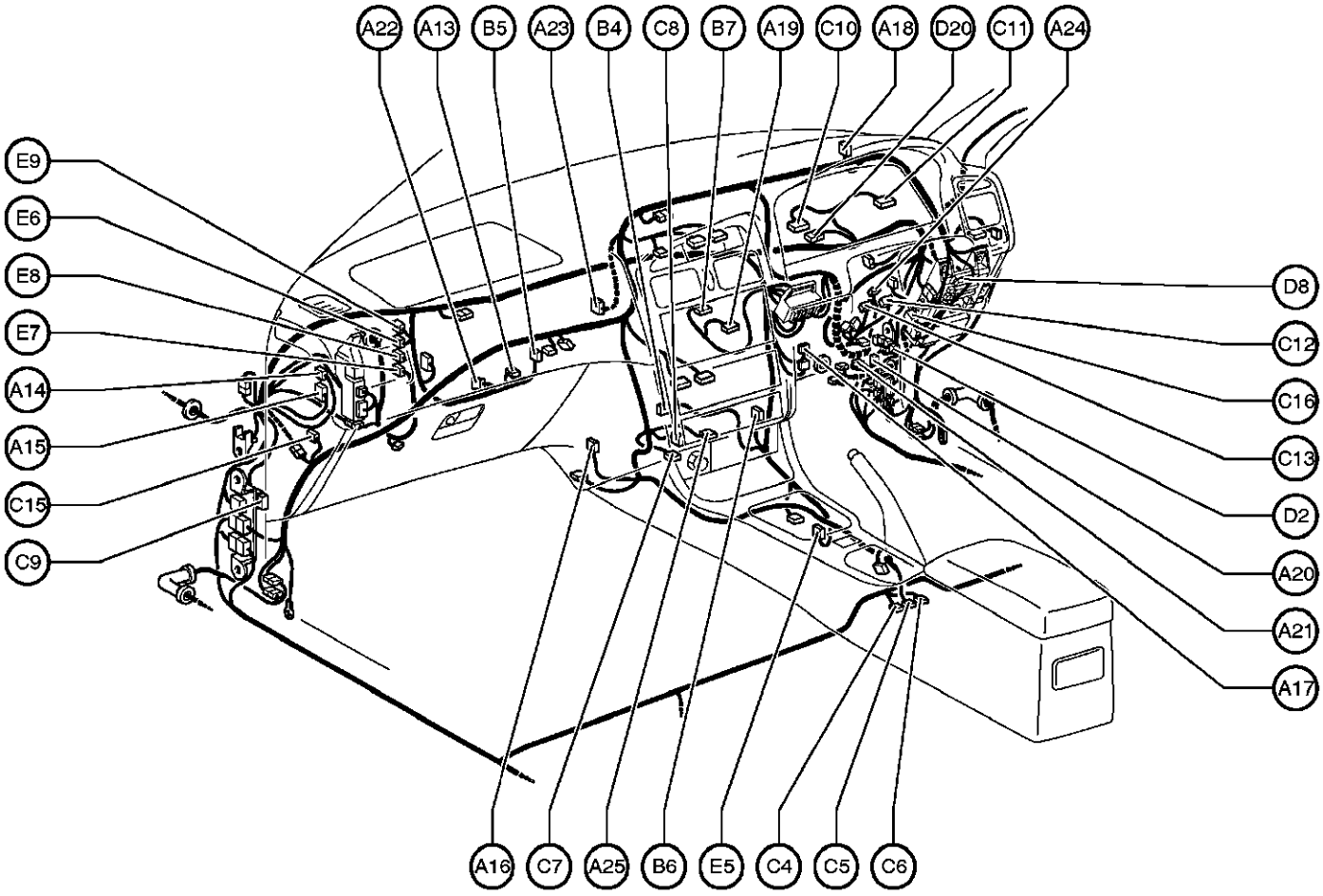
T 1 Theft Deterrent Siren
T 3 Timing Control Valve
T 4 Turbo Pressure Sensor

V 3 VRV (EGR)
V 6 VSV (Fully Closed)
V 7 VSV (Idle Opening)
V10 VSV (Turbo Pressure Sensor)

W 2 Water Temp. Sensor
W 3 Water Temp. SW

Position of Parts in Instrument Panel

[RHD]



A13 A/C Amplifier
A14 A/C Amplifier
A15 A/C Amplifier
A16 A/C Evaporator Temp. Sensor
A17 A/C Room Temp. Sensor
A18 A/C Solar Sensor
A19 A/C SW
A20 Accelerator Pedal Position Sensor
A21 Accelerator Position SW
A22 Air Mix Control Servo Motor
A23 Airbag Squib (Front Passenger Airbag Assembly)
A24 Airbag Squib (Steering Wheel Pad)
A25 Ashtray Illumination

B 4 Blower Controller
B 5 Blower Motor
B 6 Blower Resistor
B 7 Blower SW

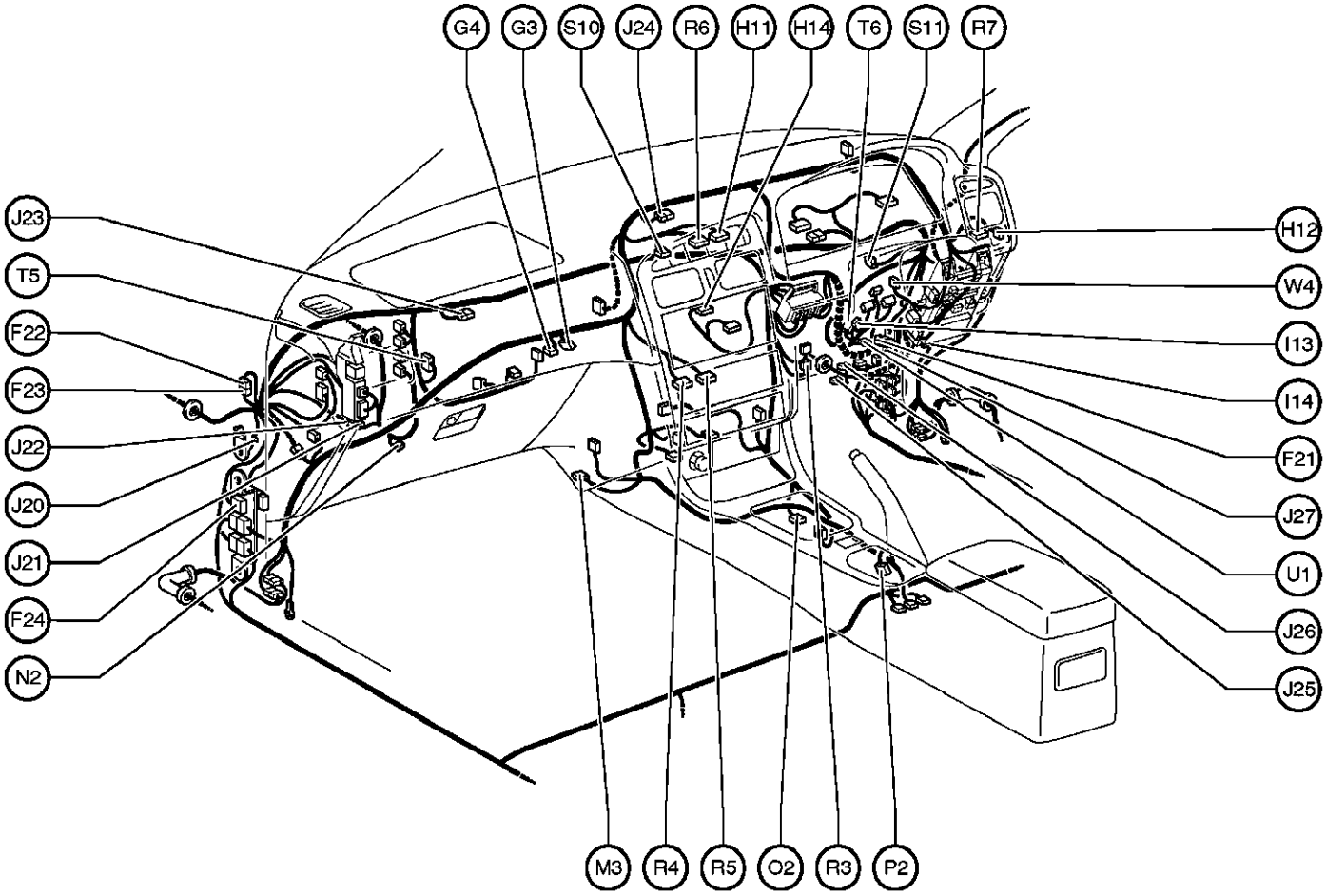
C 4 Center Airbag Sensor Assembly
C 5 Center Airbag Sensor Assembly
C 6 Center Airbag Sensor Assembly
C 7 Cigarette Lighter
C 8 Cigarette Lighter Illumination
C 9 Circuit Opening Relay
C10 Combination Meter
C11 Combination Meter
C12 Combination SW
C13 Combination SW
C15 Curtain Airbag Squib LH
C16 Curtain Airbag Squib RH

D 2 Defogger Relay
D 8 DLC3
D20 Diode (Door)

E 5 ECT Pattern Select SW
E 6 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 7 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 8 Engine ECU (M/T) or Engine and ECT ECU (A/T)
E 9 Engine ECU

Position of Parts in Instrument Panel

[RHD]



F 21 Front Fog Light Relay
F 22 Fuel Control Connector
F 23 Fuel Control Connector
F 24 Fuse Box

G 3 Glove Box Light
G 4 Glove Box Light SW

H 11 Hazard SW
H 12 Headlight Beam Level Control SW
H 14 Heater Control SW

I 13 Ignition SW
I 14 Integration Relay

J 20 Junction Connector
J 21 Junction Connector
J 22 Junction Connector
J 23 Junction Connector
J 24 Junction Connector
J 25 Junction Connector
J 26 Junction Connector
J 27 Junction Connector

M 3 Max Hot SW

N 2 Noise Filter (Ignition System)

O 2 O/D Main SW

P 2 Parking Brake SW

R 3 Radar Sensor
R 4 Radio and Player
R 5 Radio and Player
R 6 Rear Window Defogger SW
R 7 Remote Control Mirror SW

S 10 Status Monitor
S 11 Stop Light SW

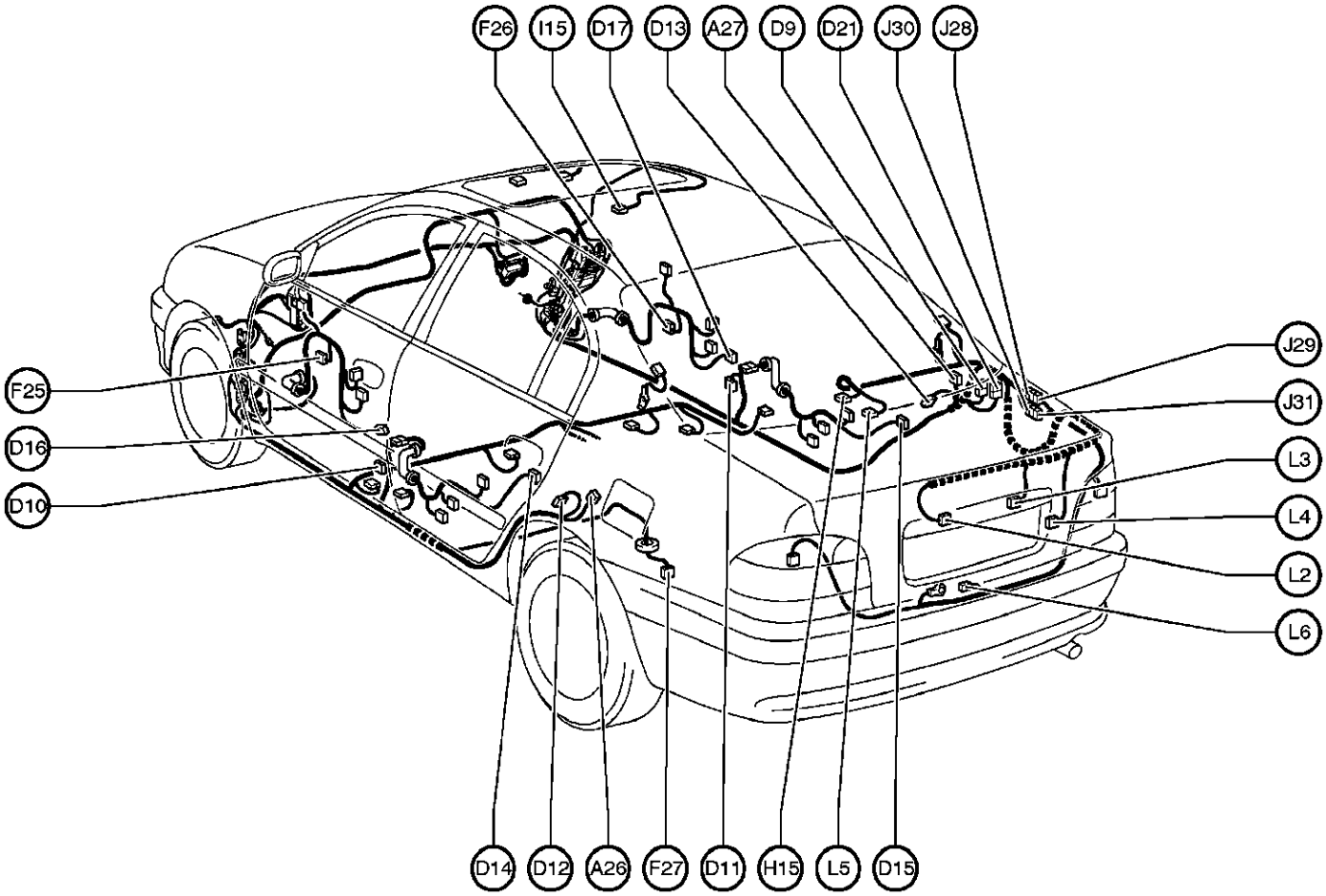
T 5 Theft Deterrent ECU
T 6 Transponder Key ECU

U 1 Unlock Warning SW

W 4 Wireless Door Lock ECU

Position of Parts in Body

[RHD : S/D]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH
D21 Diode (Luggage Room Light)

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

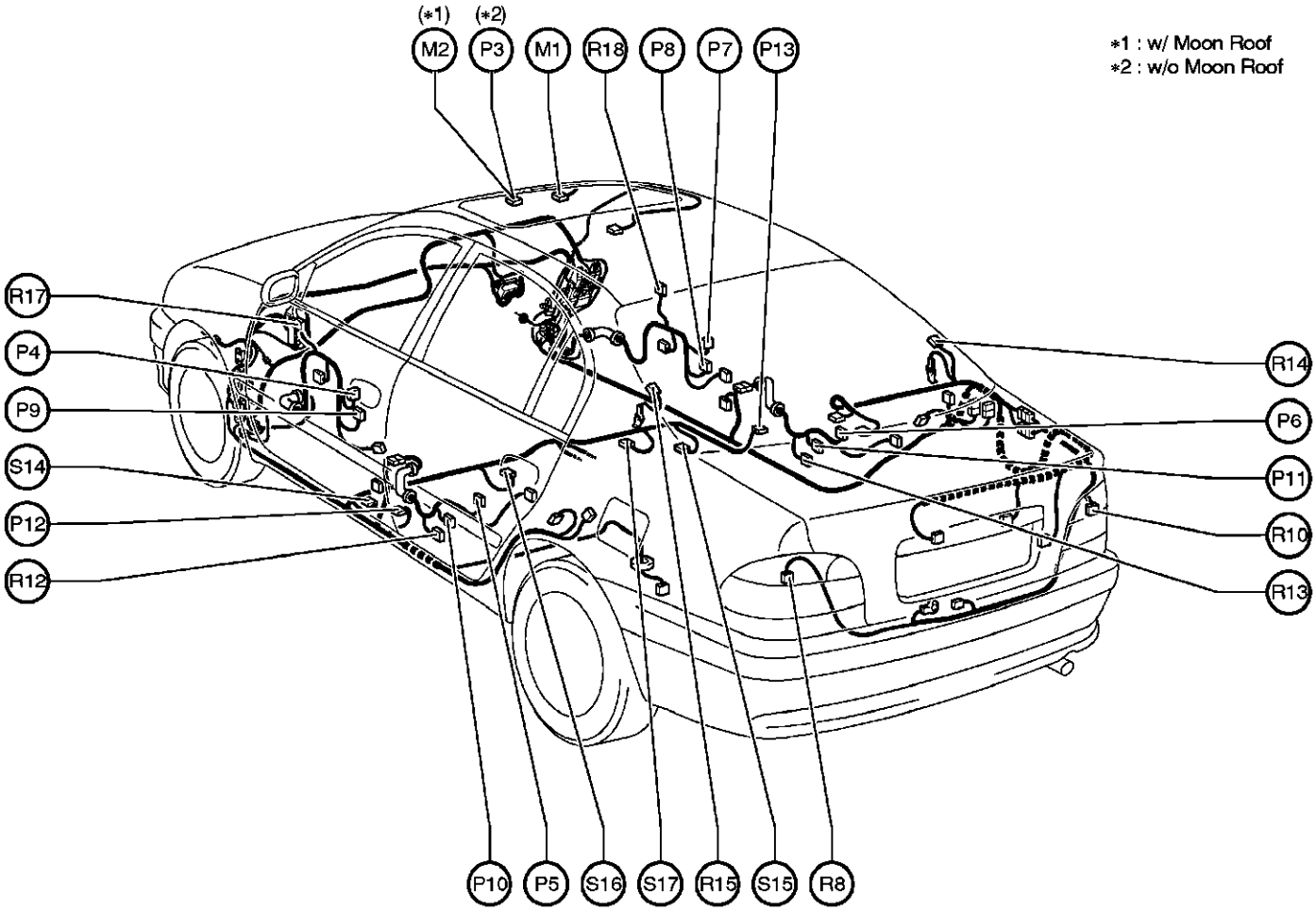
I 15 Interior Light

J 28 Junction Connector
J 29 Junction Connector
J 30 Junction Connector
J 31 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 4 Luggage Compartment Door Lock Motor
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[RHD : S/D]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

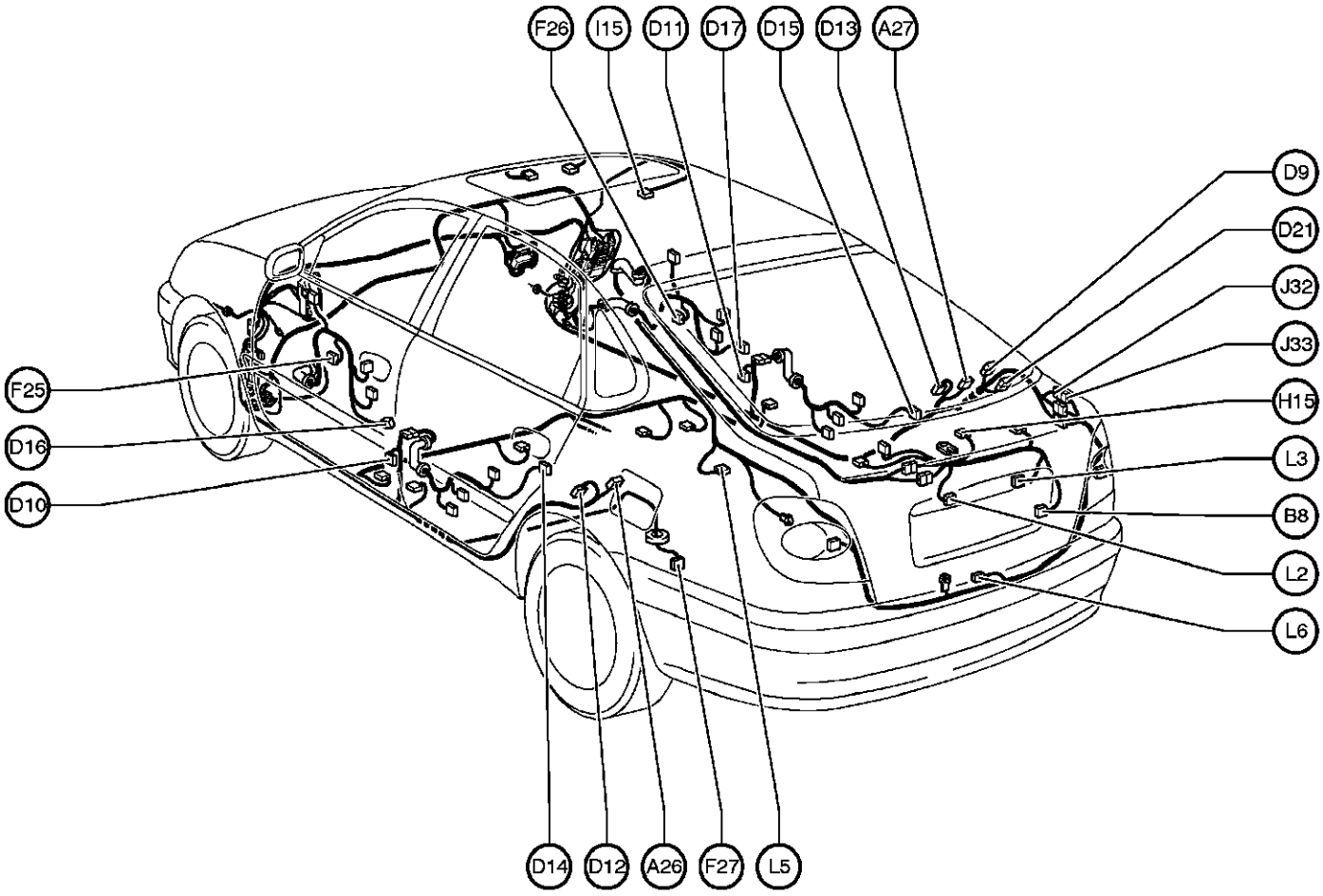
P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

Position of Parts in Body

[RHD : L/B]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH
D21 Diode (Luggage Room Light)

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

H15 High Mounted Stop Light

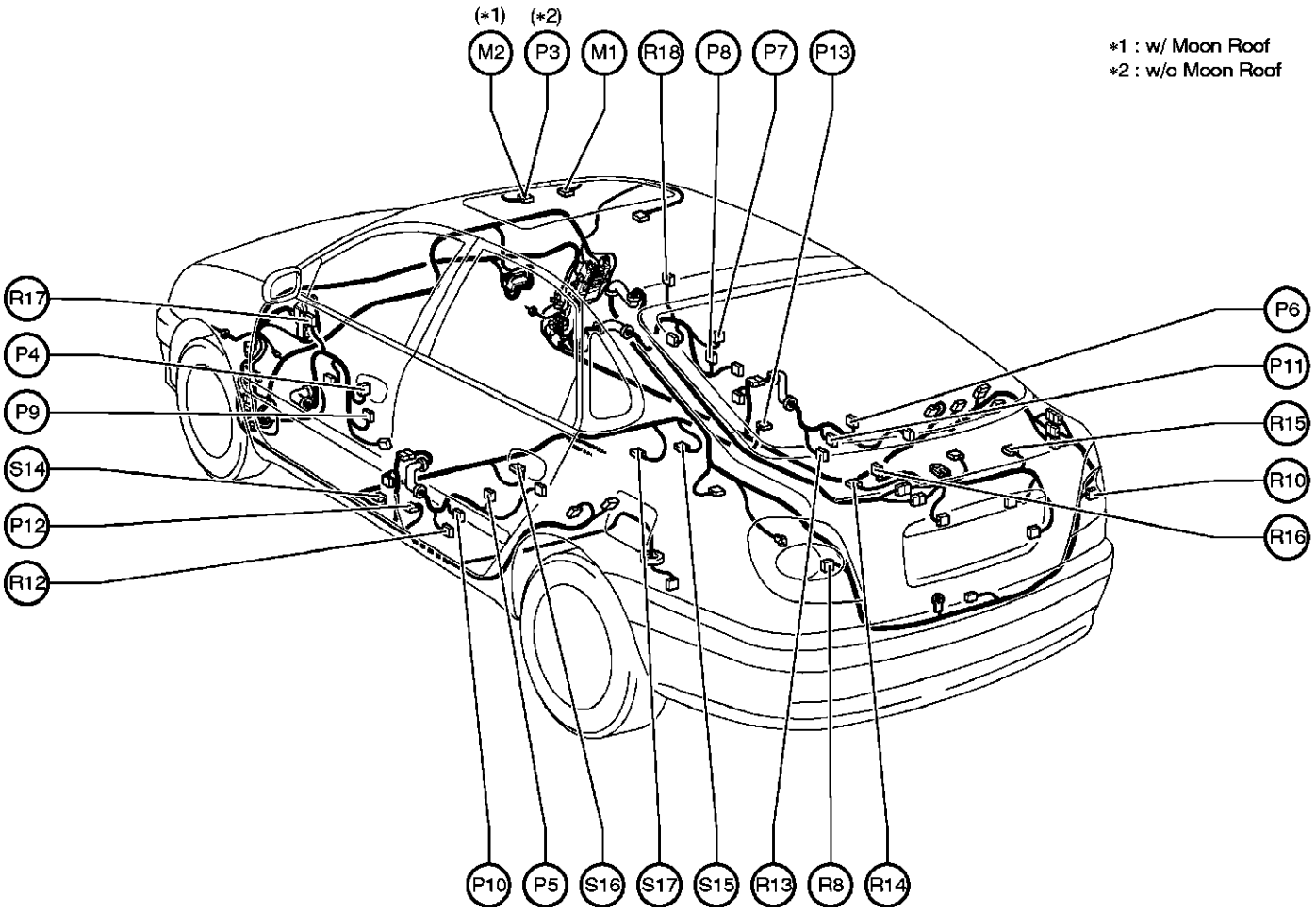
I 15 Interior Light

J 32 Junction Connector
J 33 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[RHD : L/B]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

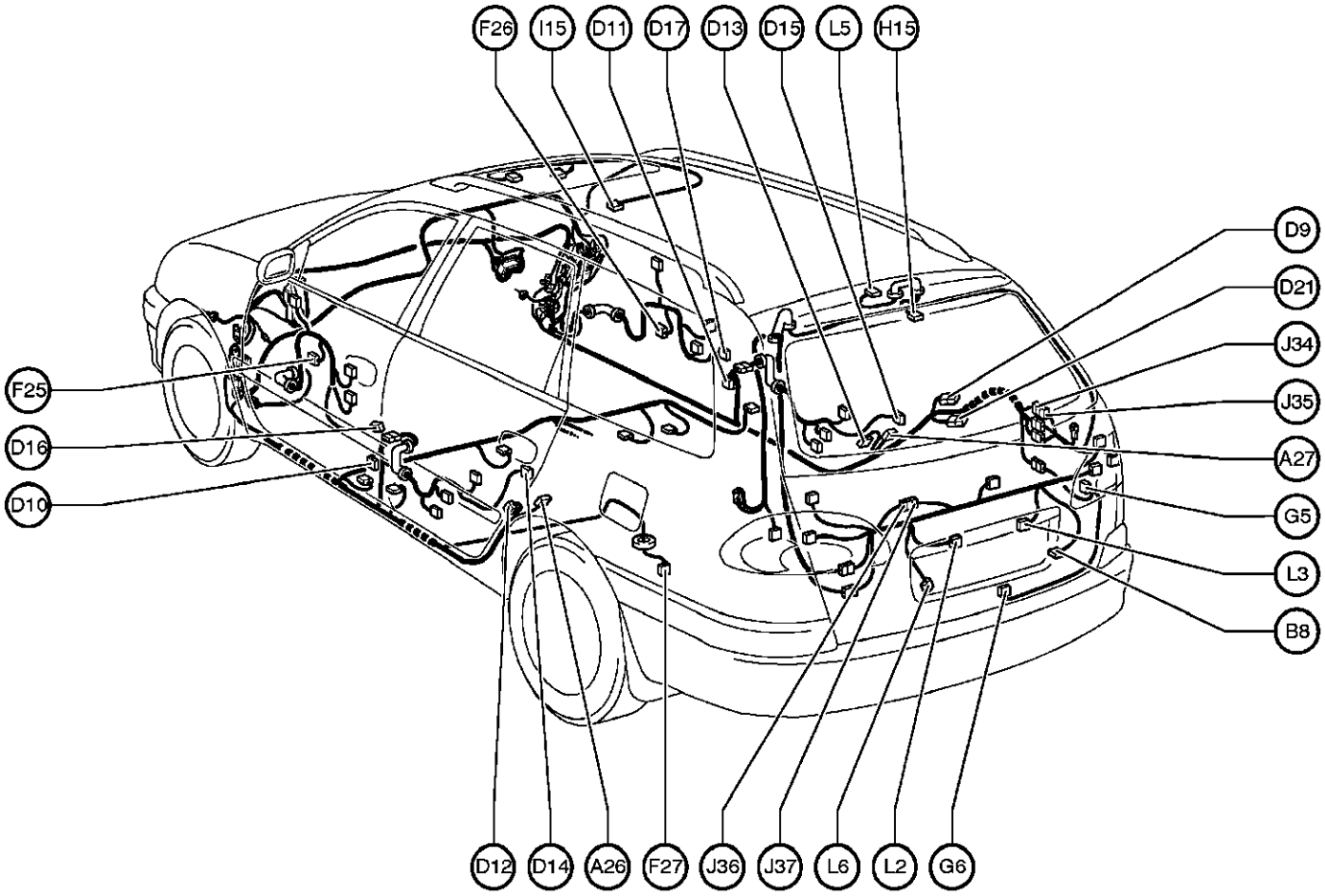
P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

R 8 Rear Combination Light LH
R10 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

Position of Parts in Body

[RHD : W/G]



A26 ABS Speed Sensor Rear LH
A27 ABS Speed Sensor Rear RH

B 8 Back Door Lock Motor

D 9 Diode (Luggage Room Light)
D10 Door Courtesy SW Front LH
D11 Door Courtesy SW Front RH
D12 Door Courtesy SW Rear LH
D13 Door Courtesy SW Rear RH
D14 Door Lock Motor Rear LH
D15 Door Lock Motor Rear RH
D16 Door Lock Motor, Door Key Lock and Unlock SW Front LH
D17 Door Lock Motor, Door Key Lock and Unlock SW Front RH
D21 Diode (Luggage Room Light)

F25 Front Door Speaker LH
F26 Front Door Speaker RH
F27 Fuel Sender and Fuel Pump

G 5 Glass Breakage Sensor ECU
G 6 Glass Breakage Sensor Microphone

H15 High Mounted Stop Light

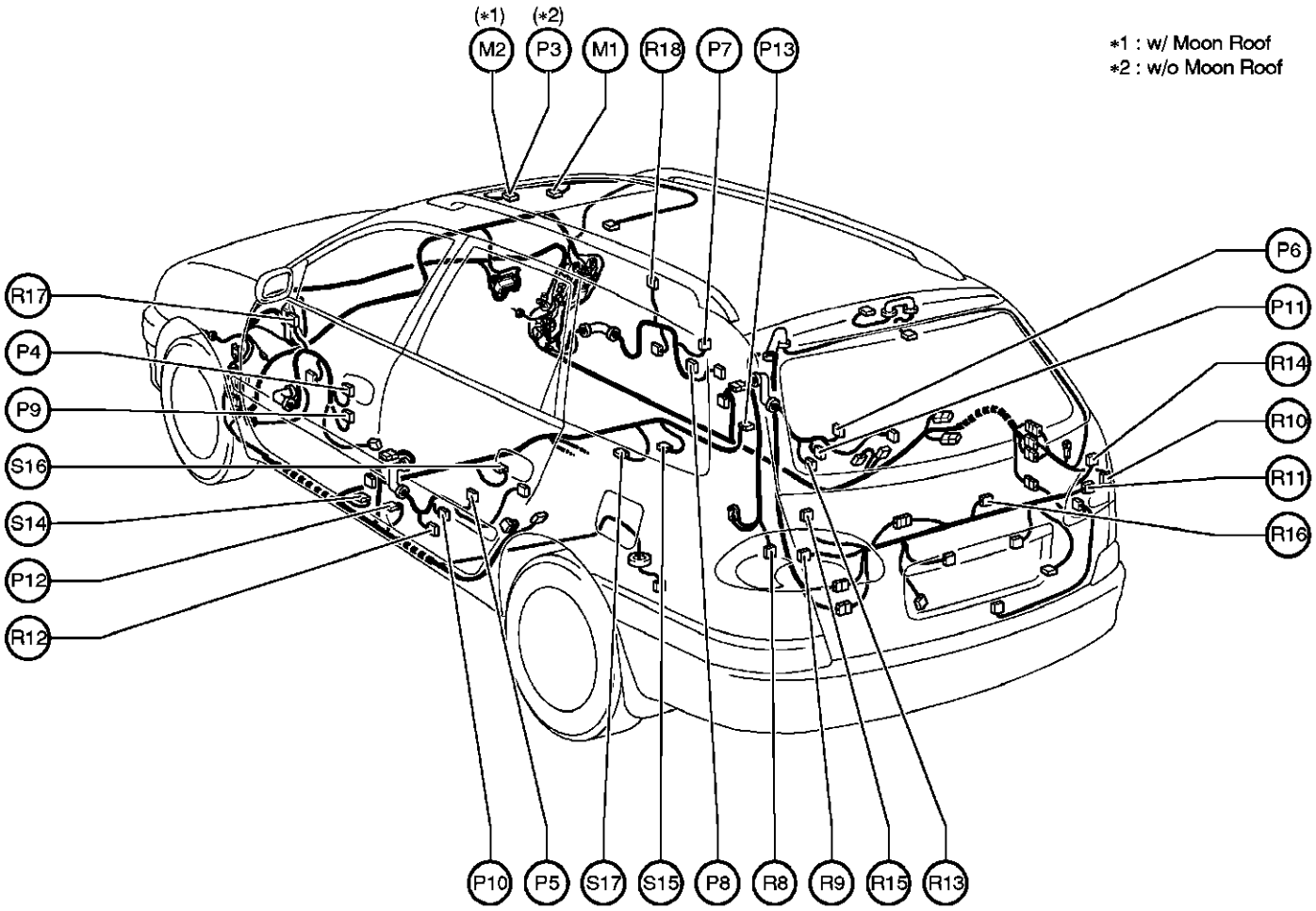
I 15 Interior Light

J 34 Junction Connector
J 35 Junction Connector
J 36 Junction Connector
J 37 Junction Connector

L 2 License Plate Light LH
L 3 License Plate Light RH
L 5 Luggage Room Light
L 6 Luggage Room Light SW

Position of Parts in Body

[RHD : W/G]



M 1 Moon Roof Control Relay and Motor
M 2 Moon Roof Control SW

P 3 Personal Light
P 4 Power Window Control SW (Front Passenger Side)
P 5 Power Window Control SW Rear LH
P 6 Power Window Control SW Rear RH
P 7 Power Window Master SW
P 8 Power Window Motor (Driver Side)
P 9 Power Window Motor (Front Passenger Side)
P10 Power Window Motor Rear LH
P11 Power Window Motor Rear RH
P12 Pretensioner LH
P13 Pretensioner RH

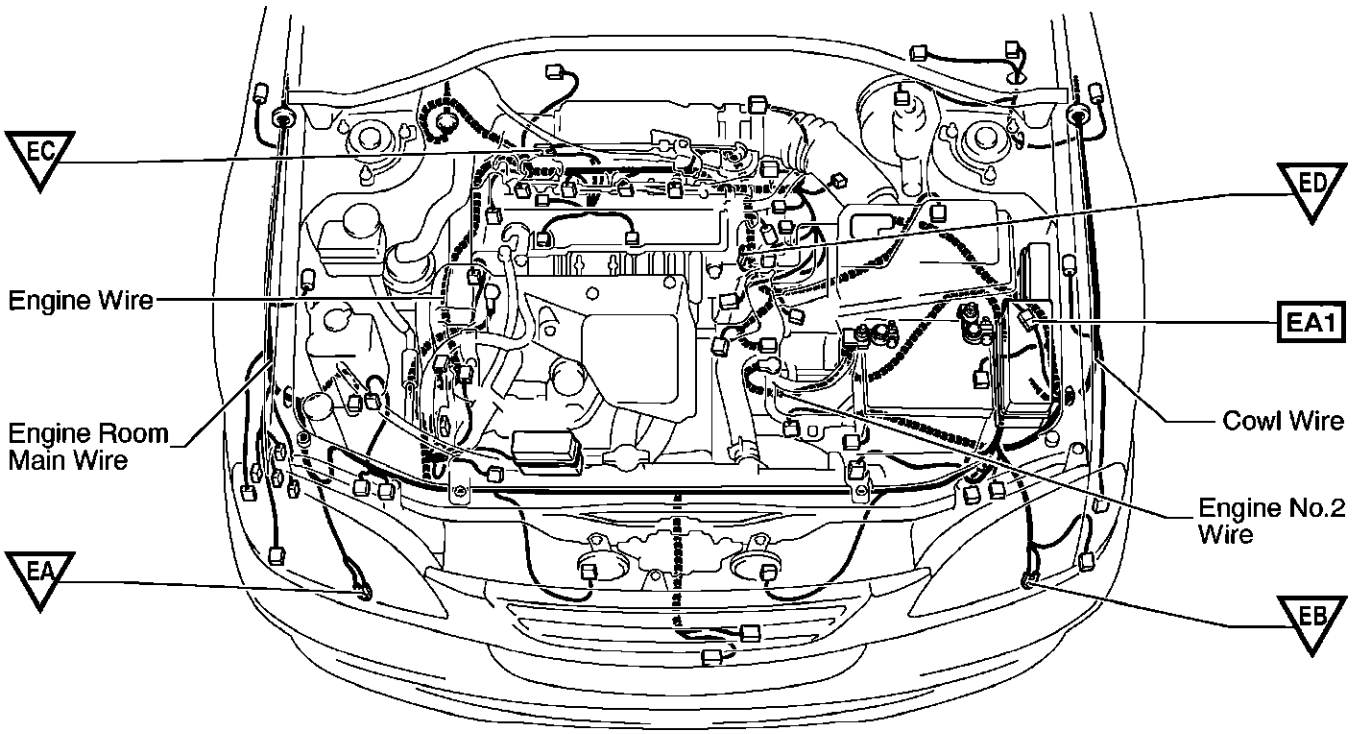
R 8 Rear Combination Light LH
R 9 Rear Combination Light LH
R10 Rear Combination Light RH
R11 Rear Combination Light RH
R12 Rear Door Speaker LH
R13 Rear Door Speaker RH
R14 Rear Window Defogger
R15 Rear Window Defogger
R16 Rear Wiper Motor and Relay
R17 Remote Control Mirror LH
R18 Remote Control Mirror RH

S14 Side Airbag Sensor LH
S15 Side Airbag Sensor RH
S16 Side Airbag Squib LH
S17 Side Airbag Squib RH

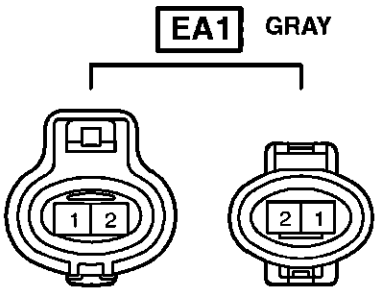
E ELECTRICAL WIRING ROUTING

: Location of Connector Joining Wire Harness and Wire Harness
: Location of Ground Points

[LHD : 3S–FE]



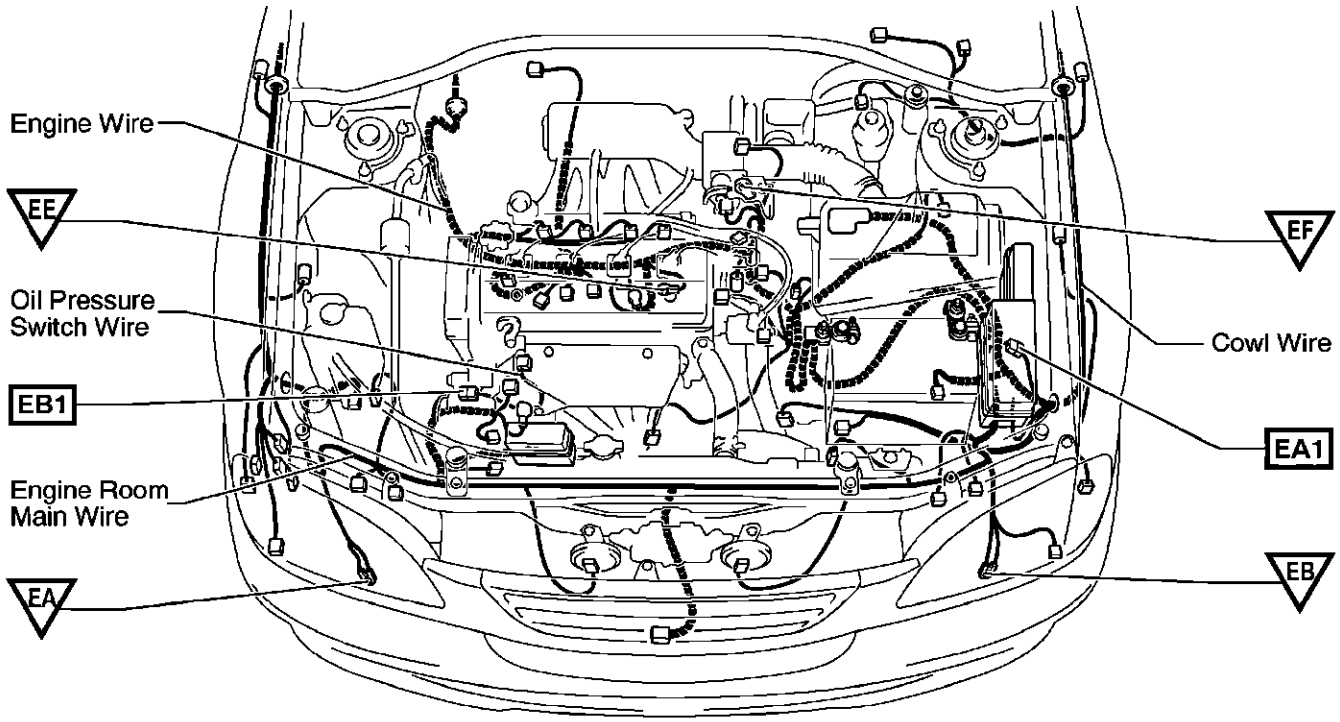
Connector Joining Wire Harness and Wire Harness



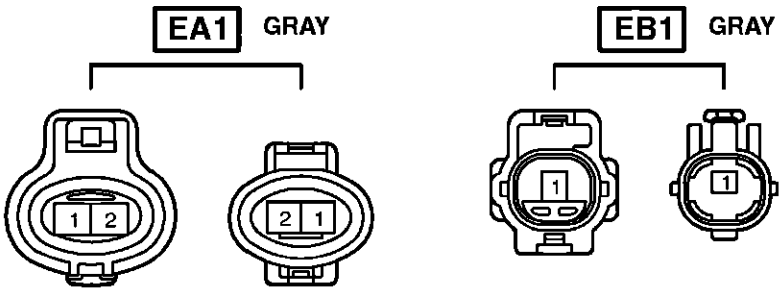
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 7A–FE, 4A–FE Lean Burn Type]



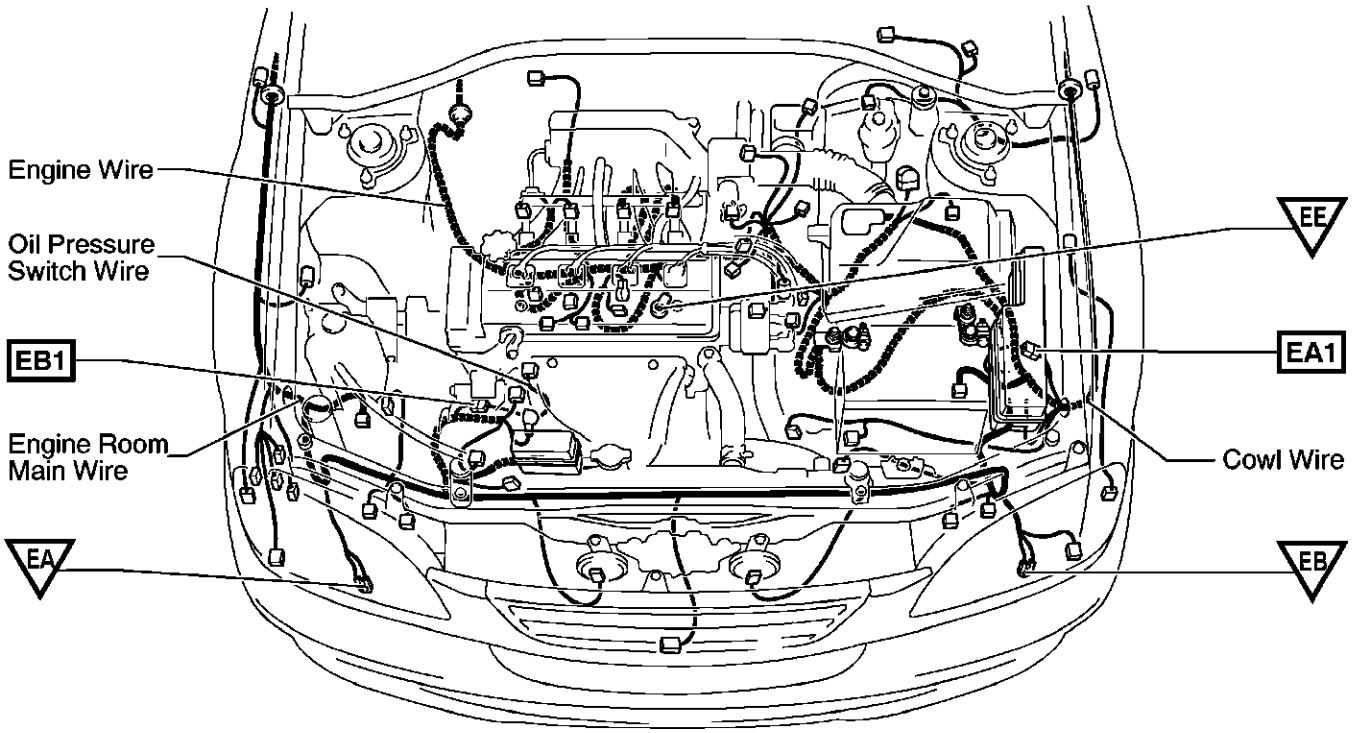
Connector Joining Wire Harness and Wire Harness



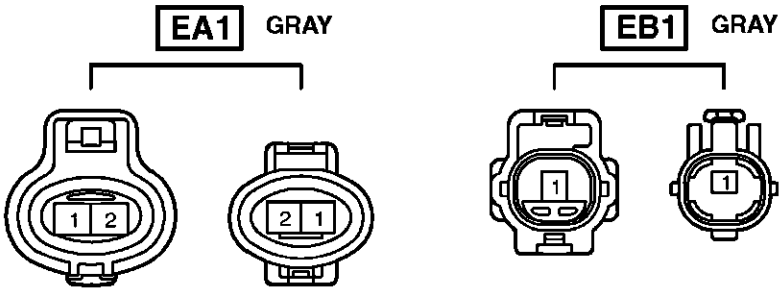
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 4A–FE Stoichiometric Type]



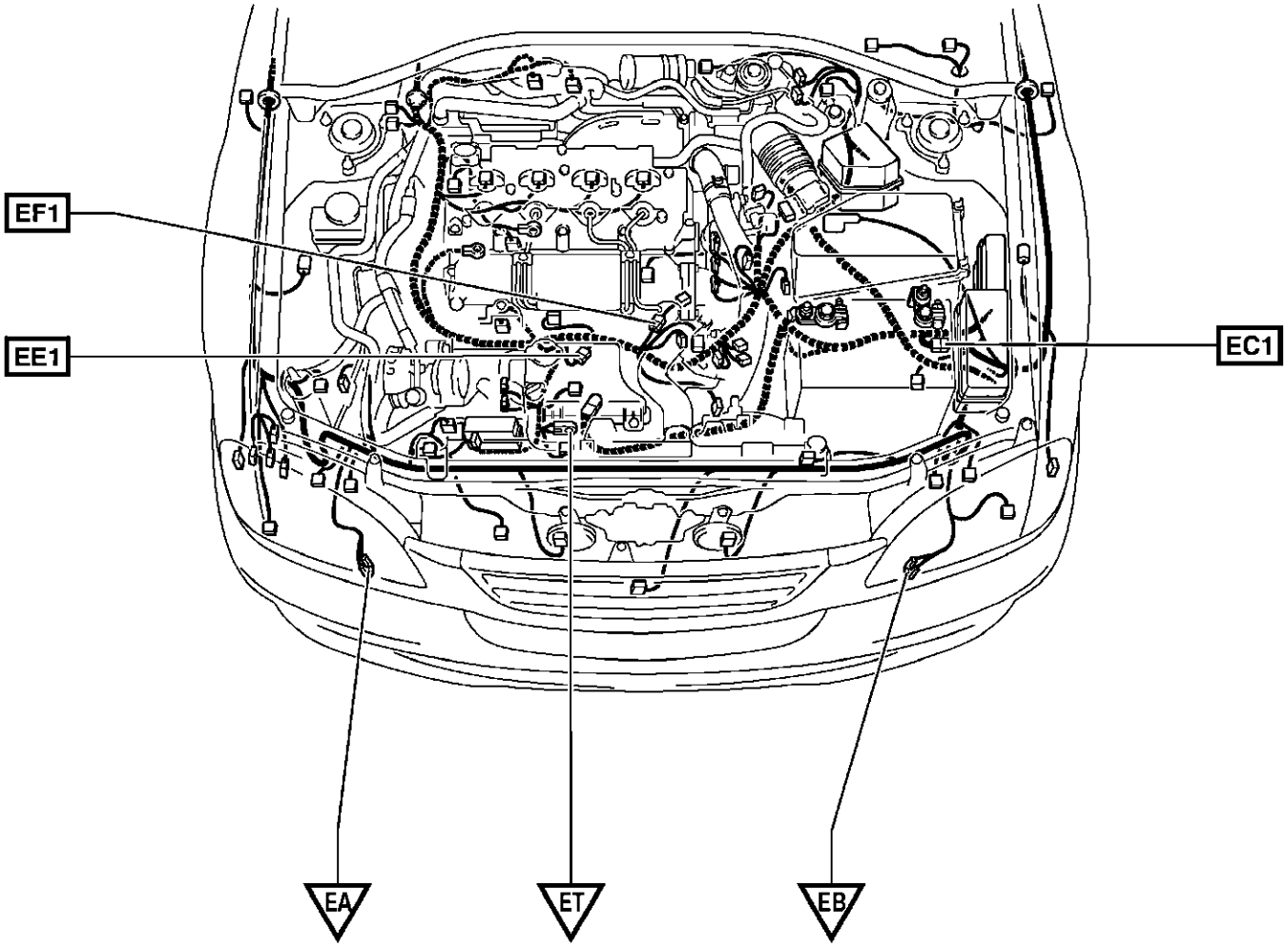
Connector Joining Wire Harness and Wire Harness



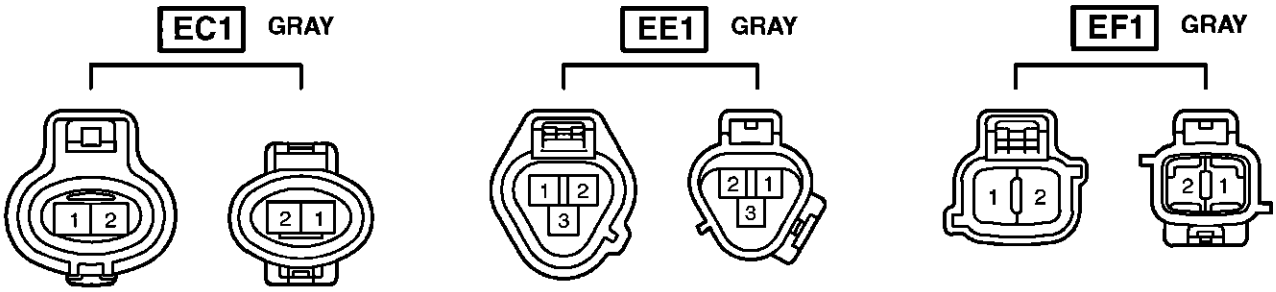
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 1CD–FTV]



Connector Joining Wire Harness and Wire Harness

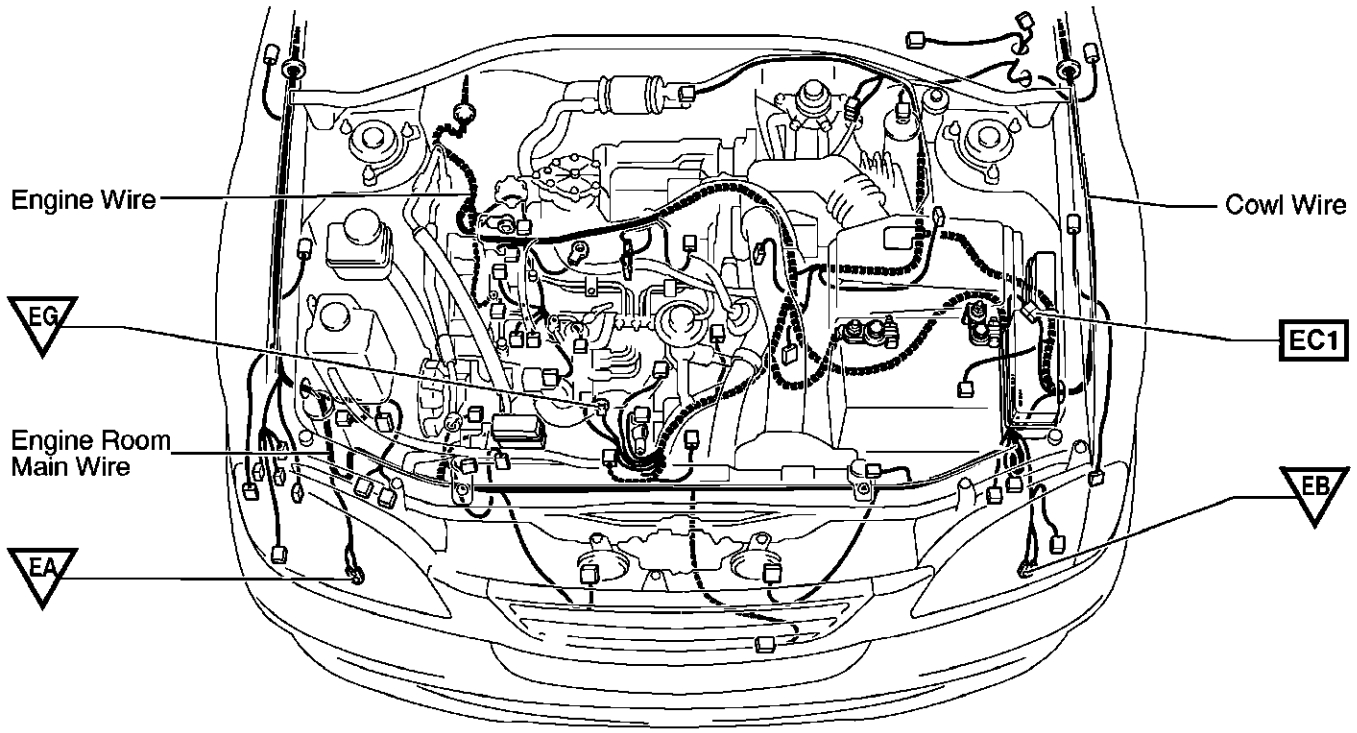


Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)
EE1	Engine Wire and Engine No.6 Wire (Under the Starter)
EF1	Engine Wire and Engine No.4 Wire (Under the Starter)

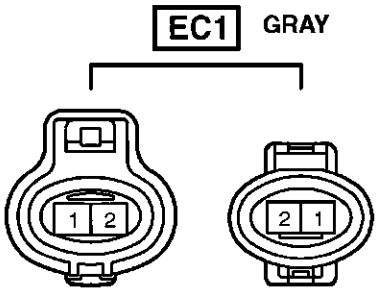
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 2C–TE]



Connector Joining Wire Harness and Wire Harness

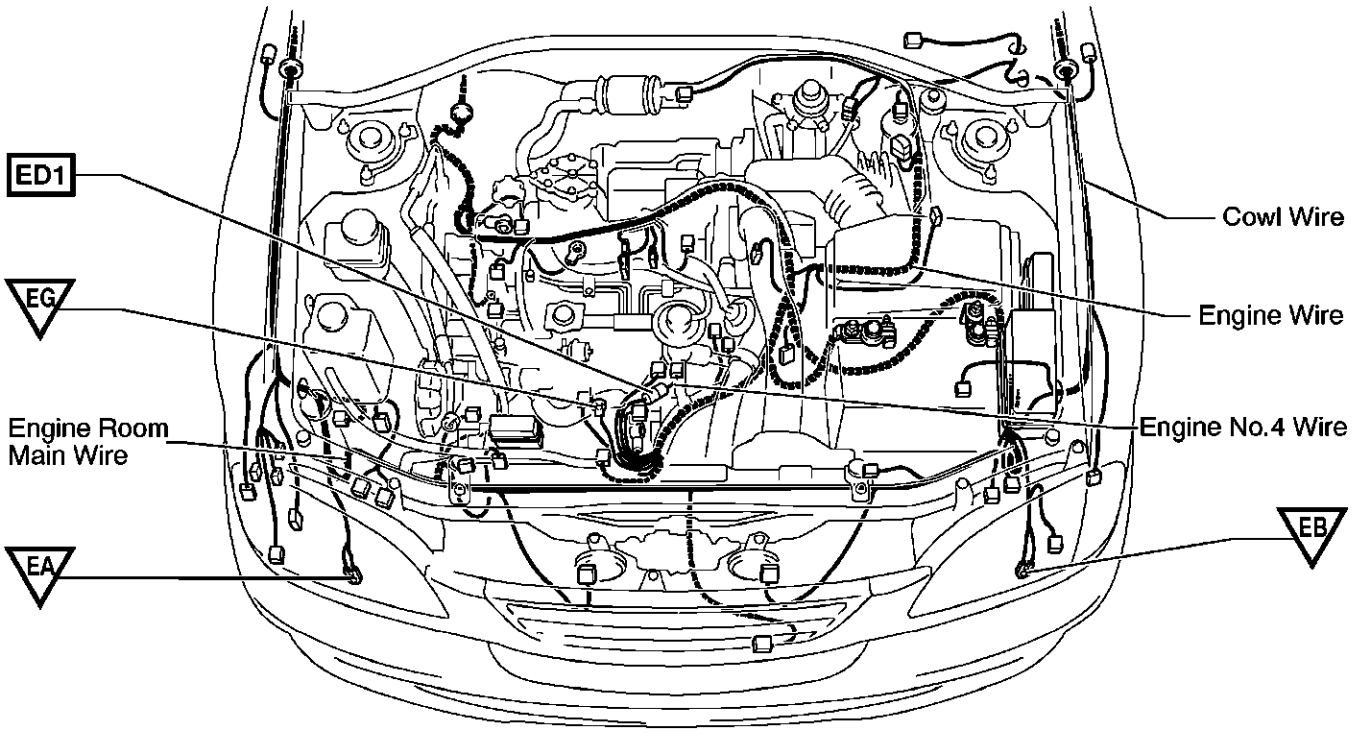


Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)

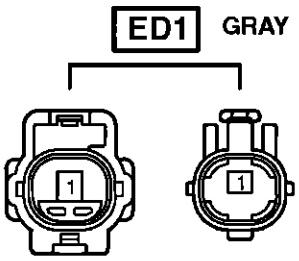
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : 2C–T]



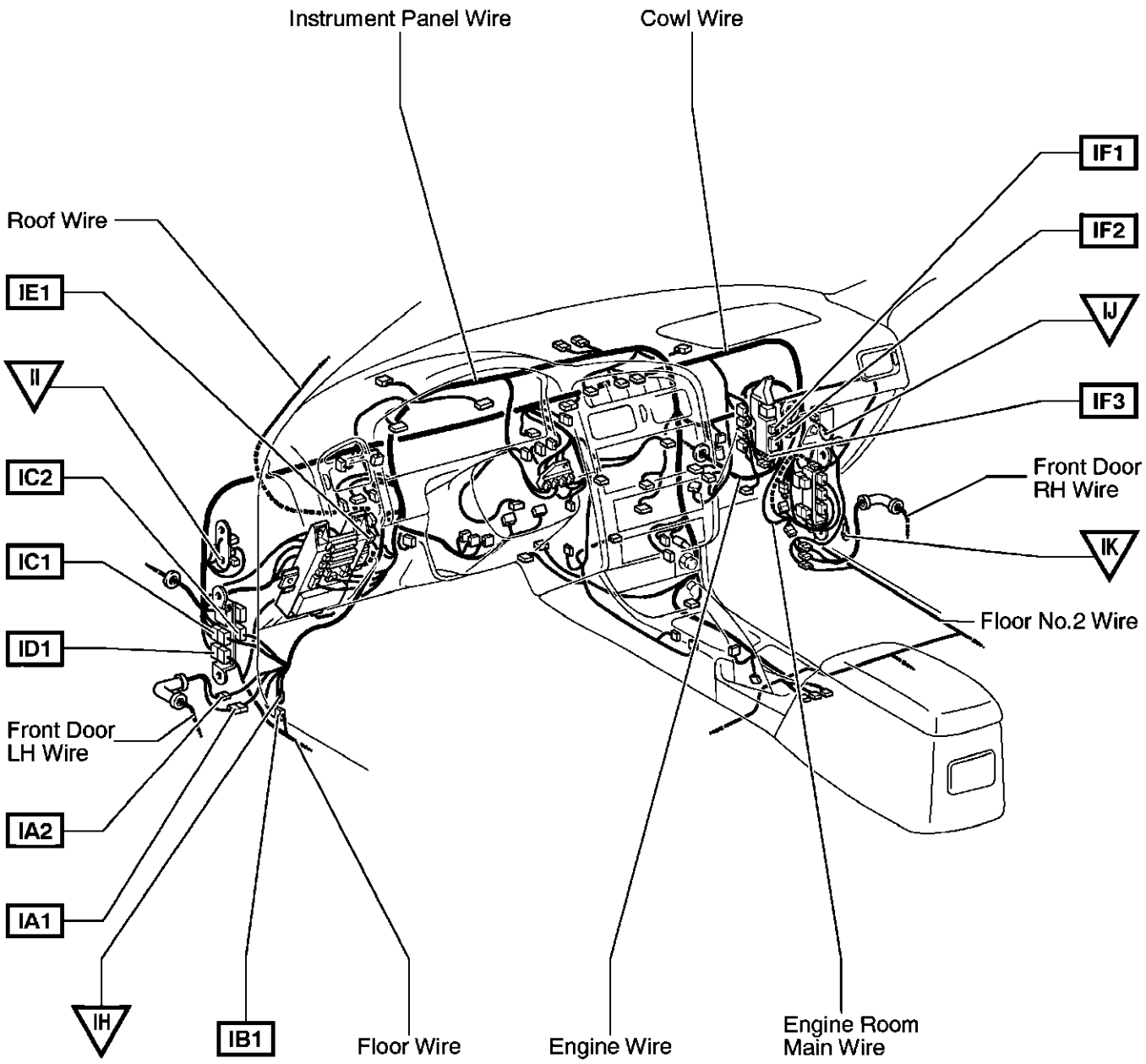
Connector Joining Wire Harness and Wire Harness



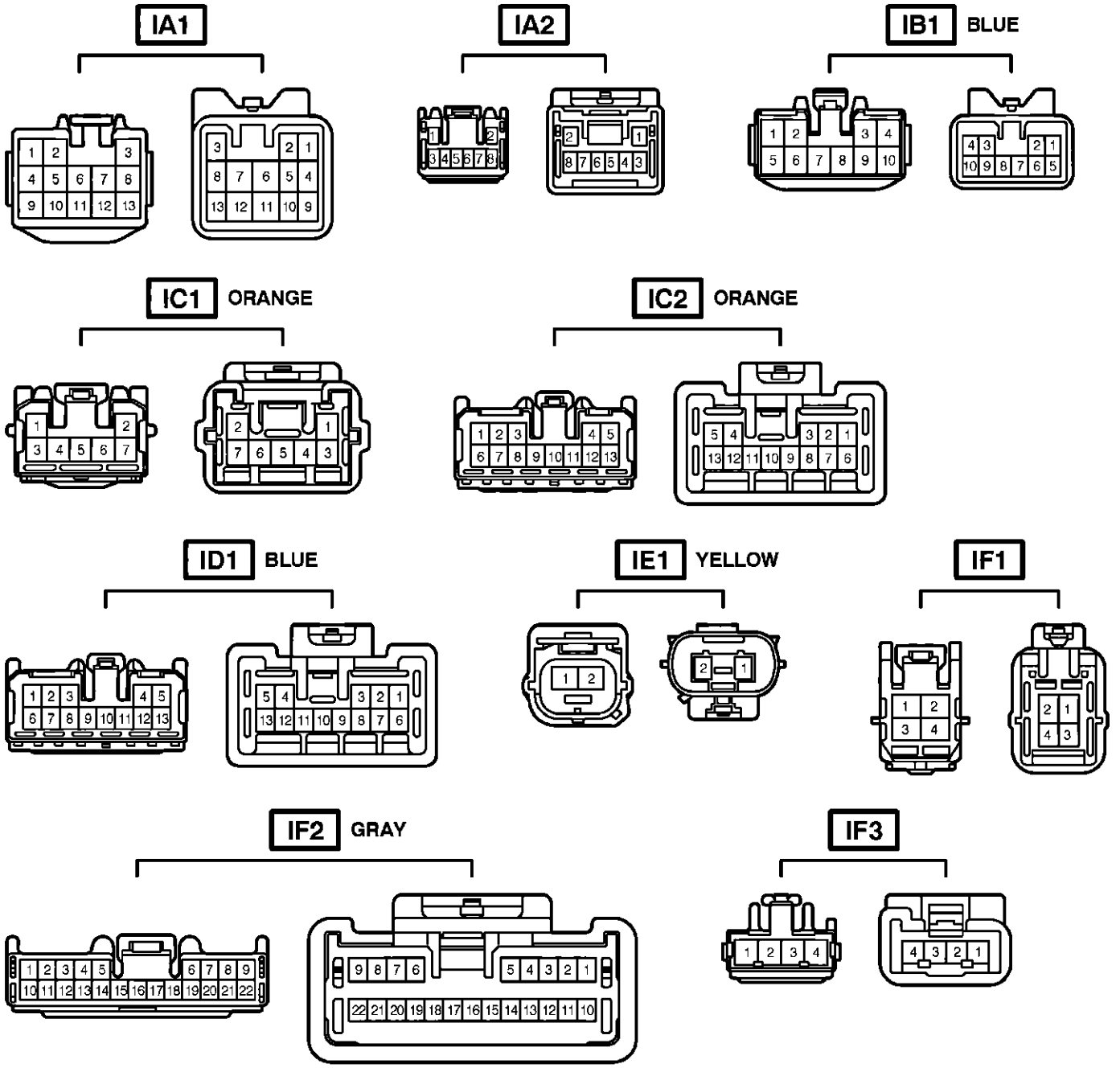
Code	Joining Wire Harness and Wire Harness (Connector Location)
ED1	Engine No.4 Wire and Engine Wire (Near the Starter)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD]



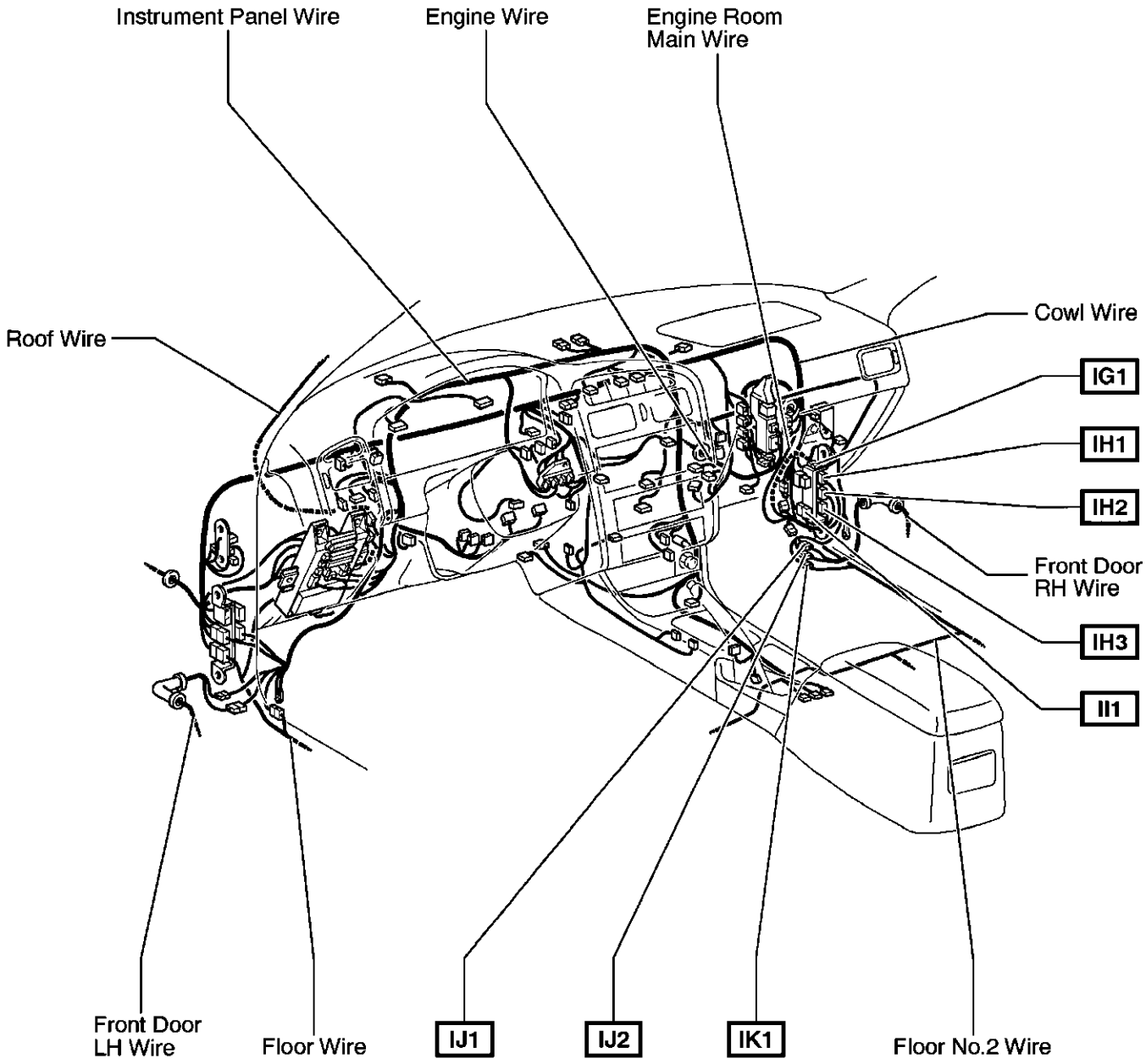
Connector Joining Wire Harness and Wire Harness



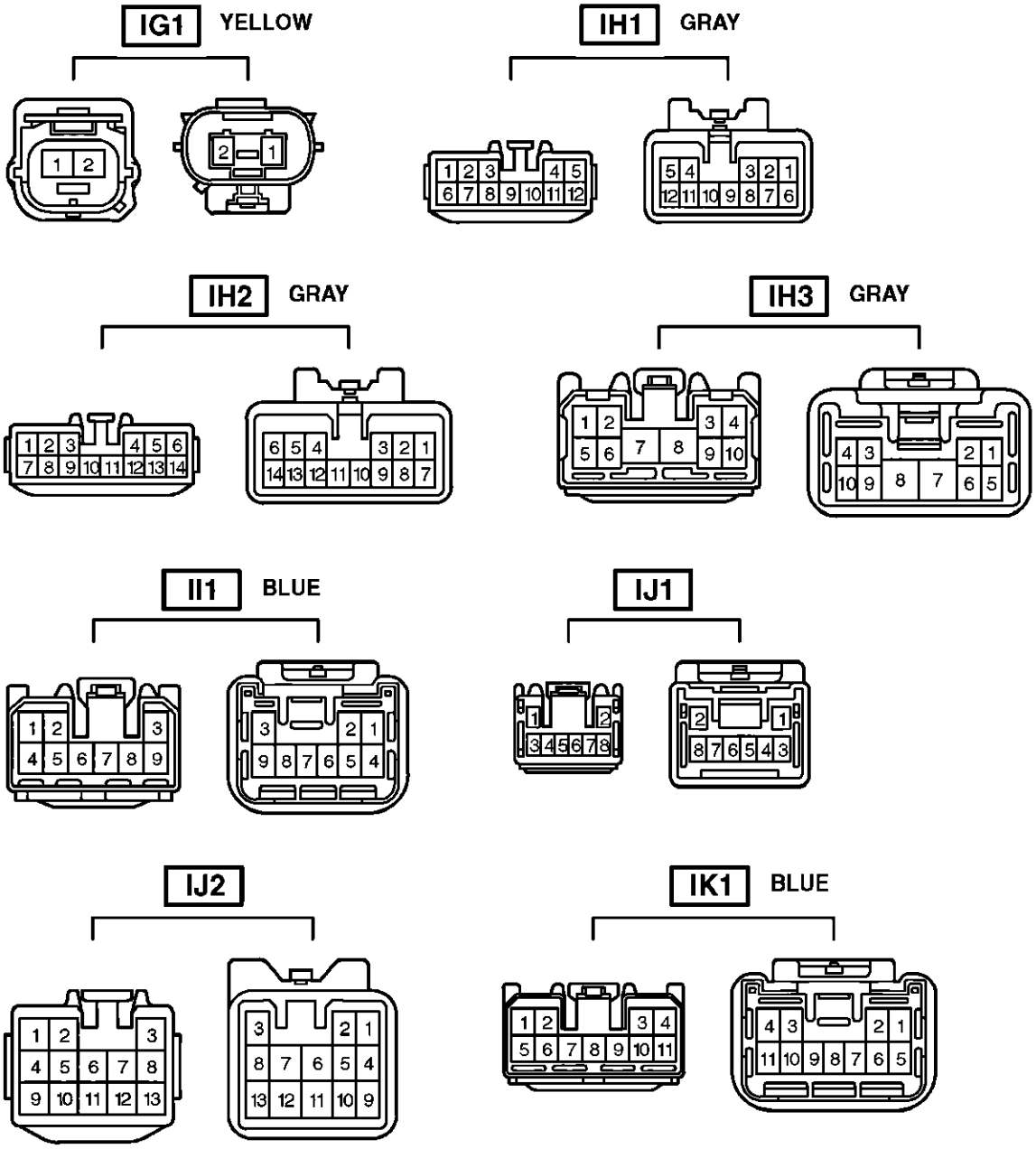
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	
IB1	Instrument Panel Wire and Floor Wire (Left Kick Panel)
IC1	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IC2	
ID1	Floor Wire and Cowl Wire (Left Kick Panel)
IE1	Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B)
IF1	Engine Wire and Cowl Wire (Passenger Side Dash Panel)
IF2	
IF3	

: Location of Connector Joining Wire Harness and Wire Harness

[LHD]



Connector Joining Wire Harness and Wire Harness

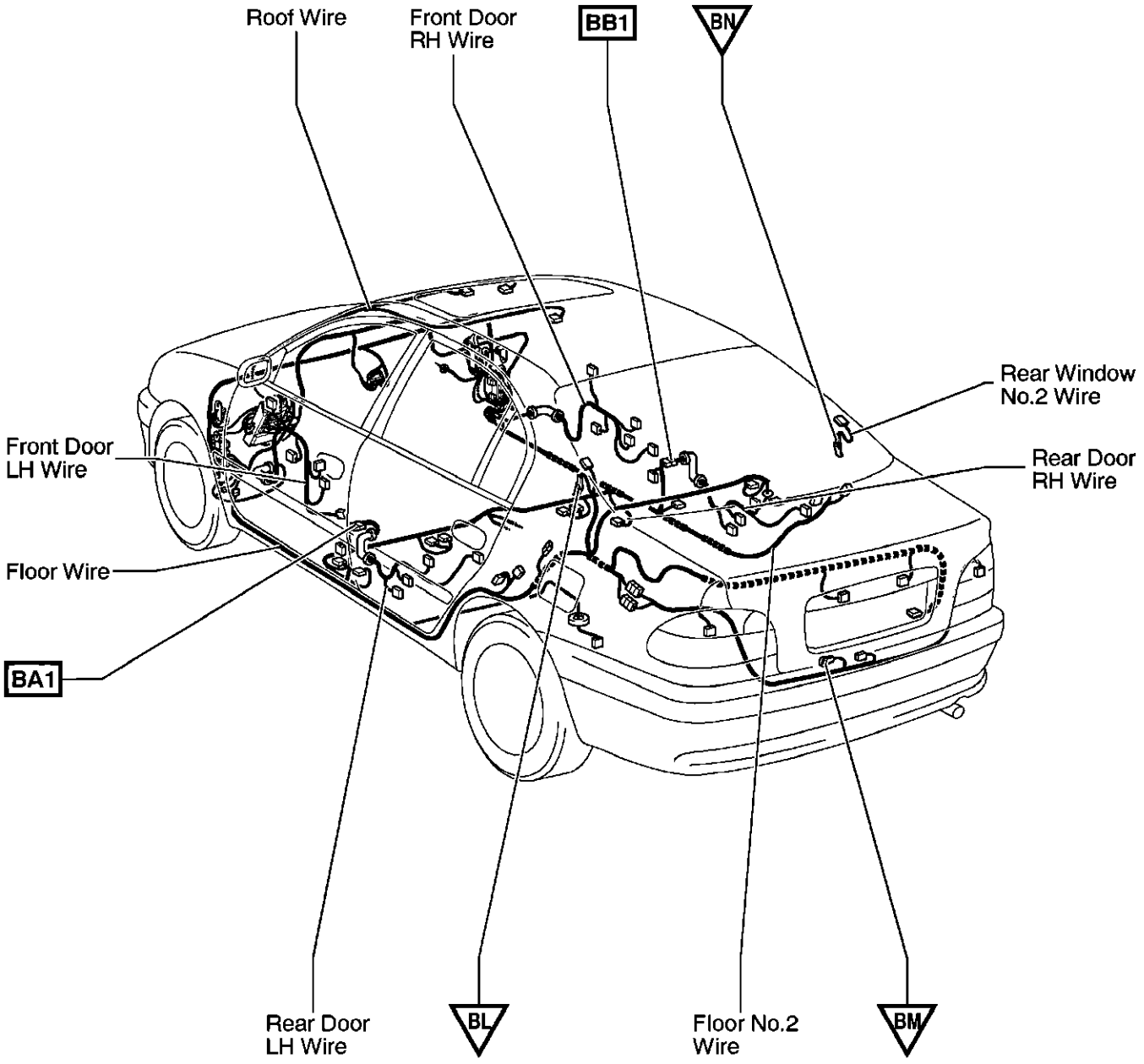


Code	Joining Wire Harness and Wire Harness (Connector Location)
IG1	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
IH1	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2	
IH3	
II1	Floor No.2 Wire and Cowl Wire (Right Kick Panel)
IJ1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IJ2	
IK1	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)

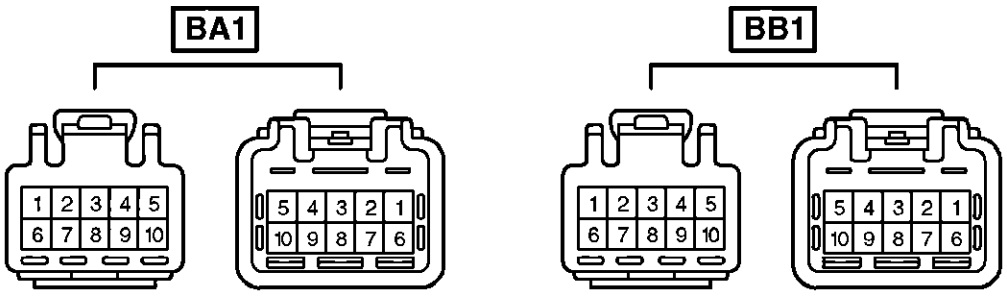
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : S/D]



Connector Joining Wire Harness and Wire Harness

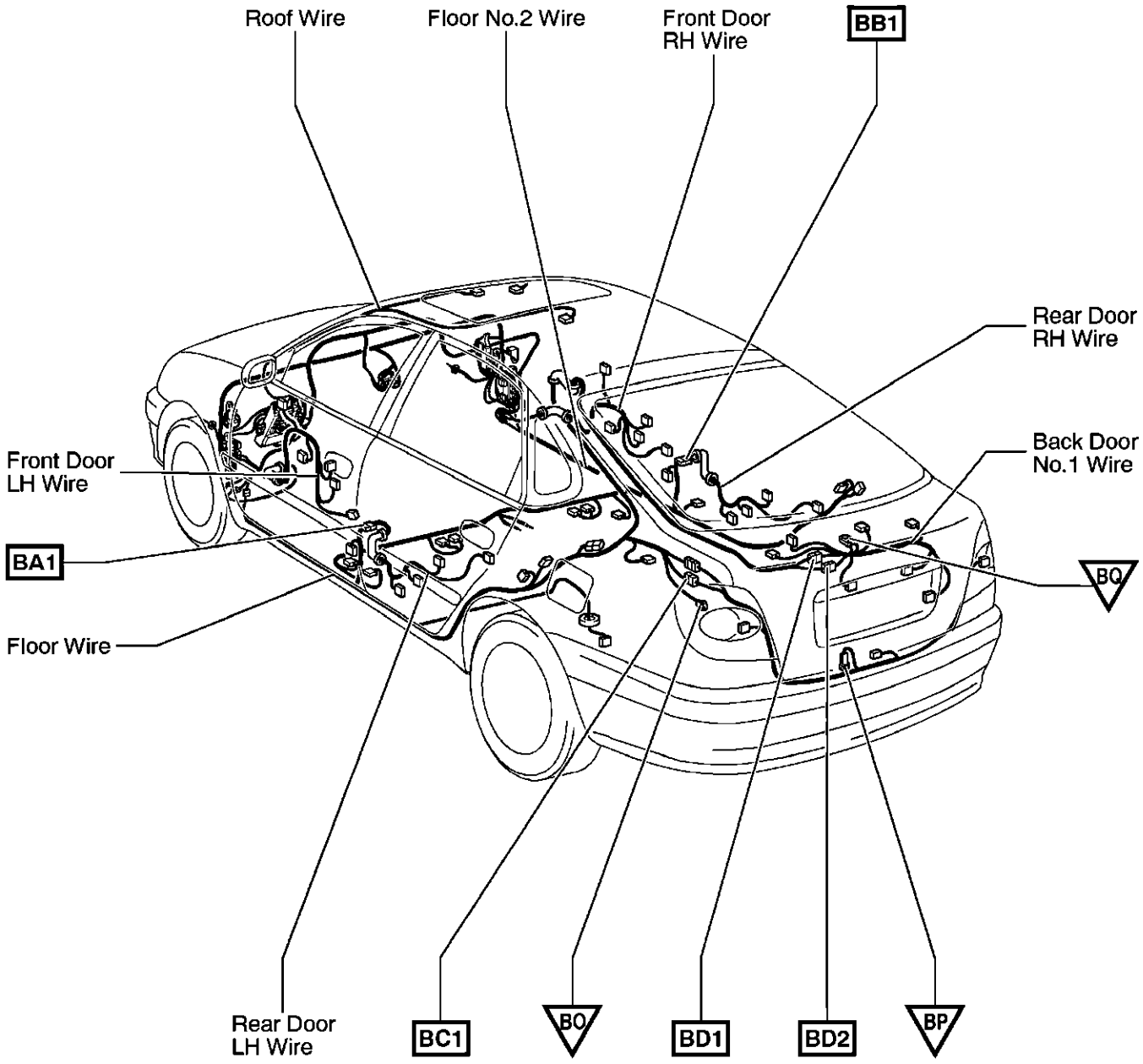


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)

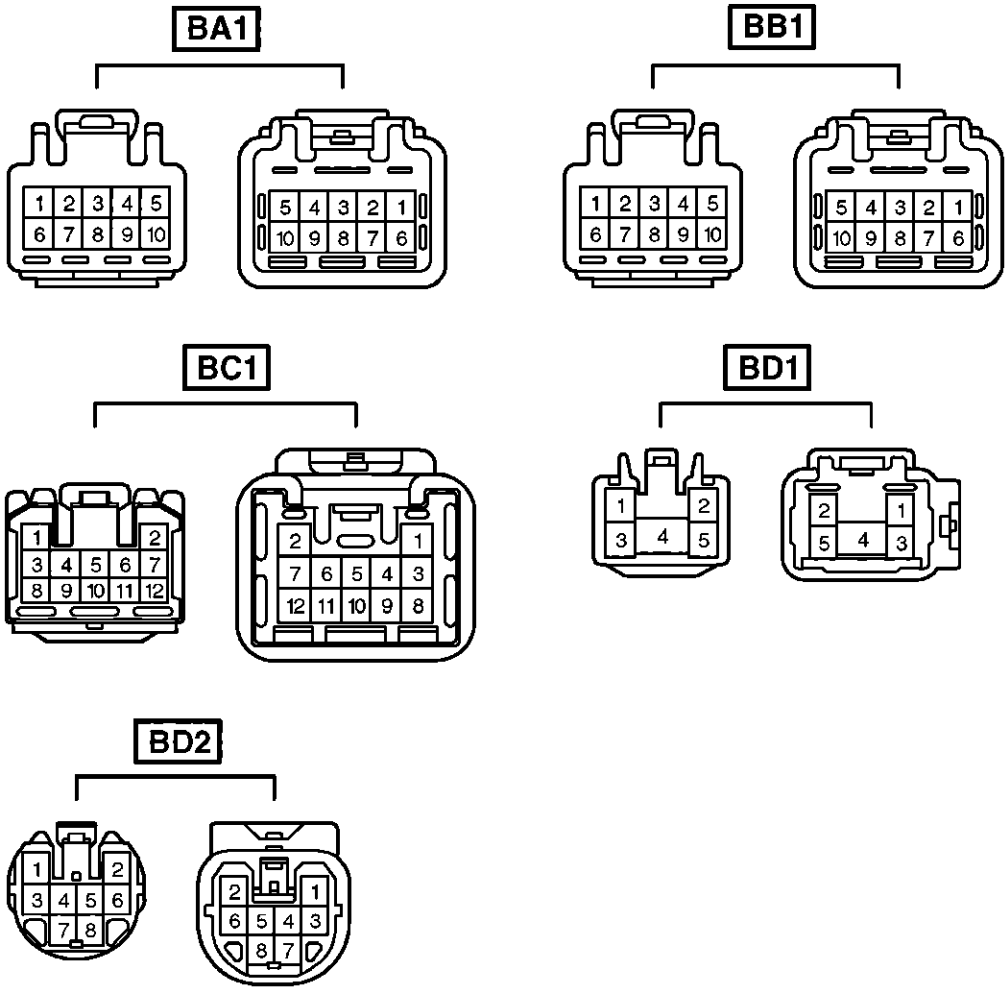
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : L/B]



Connector Joining Wire Harness and Wire Harness

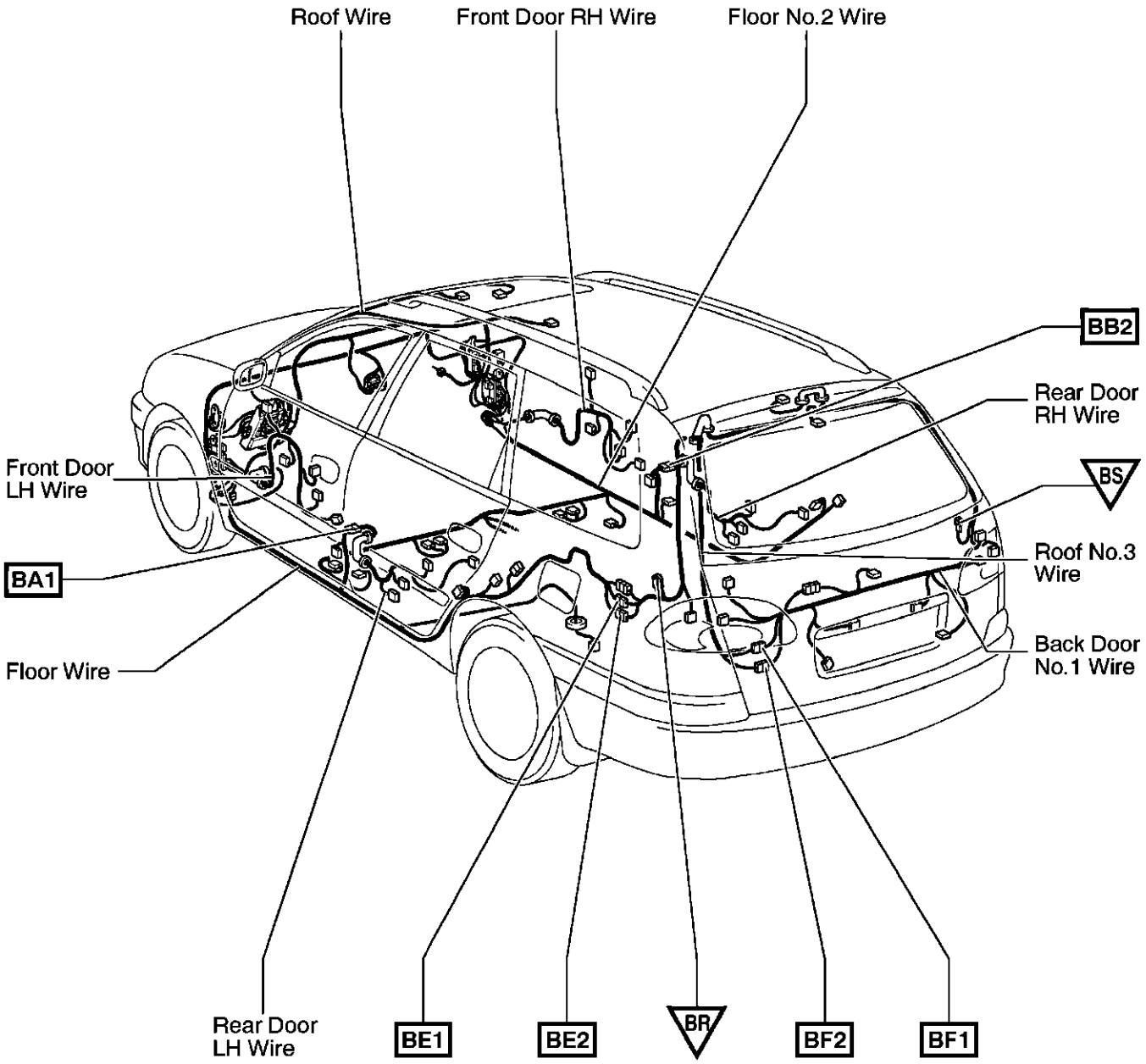


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
BC1	Floor Wire and Floor Wire (Under the Left Quarter Pillar)
BD1	Floor Wire and Back Door No.1 Wire (Back Door Left)
BD2	

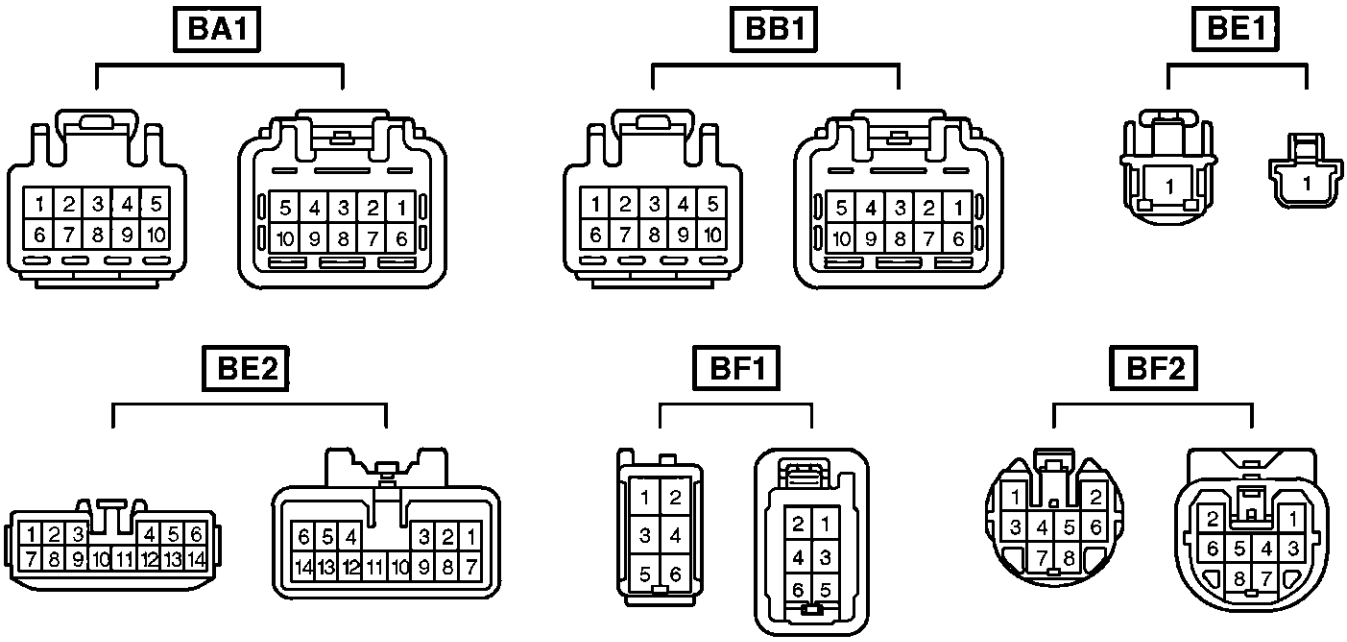
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[LHD : W/G]



Connector Joining Wire Harness and Wire Harness

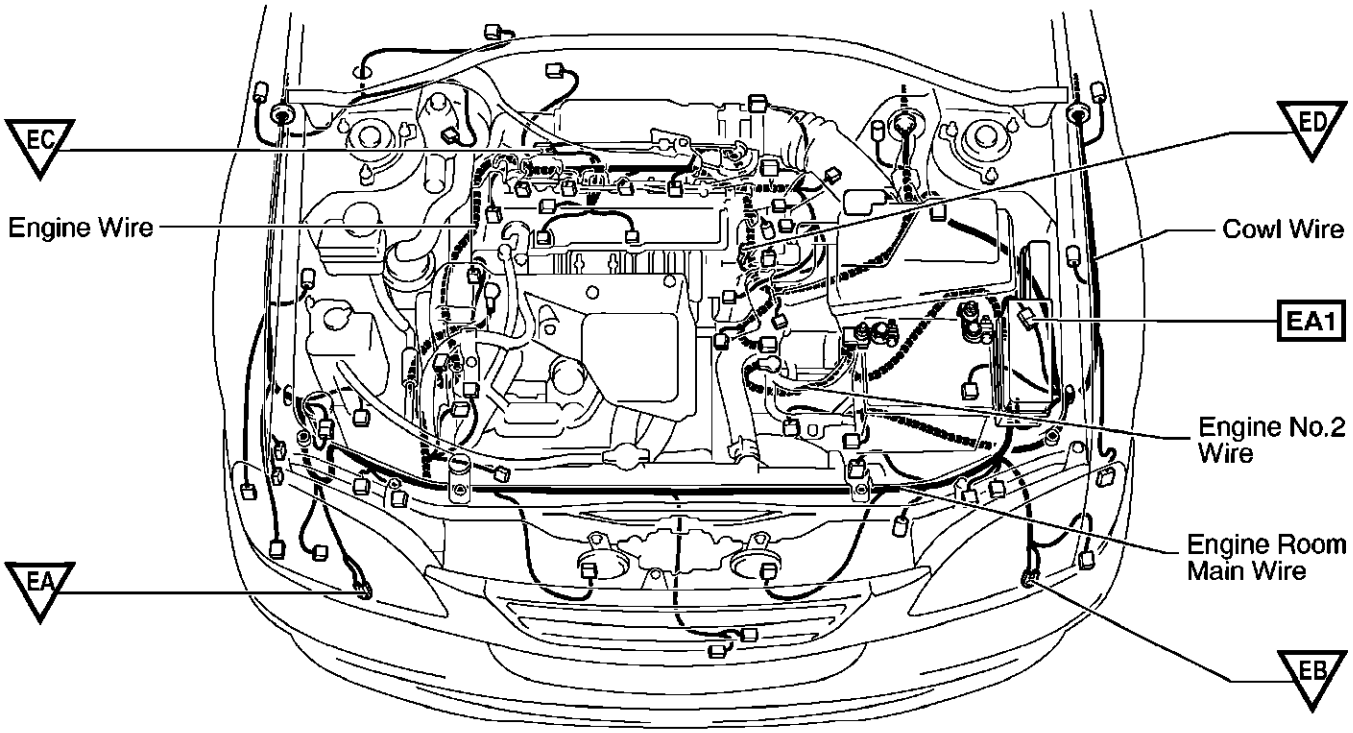


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor No.2 Wire (Under the Right Center Pillar)
BE1	Roof No.3 Wire and Floor Wire (Left Quarter Panel)
BE2	Floor Wire and Roof No.3 Wire (Left Quarter Panel)
BF1	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2	

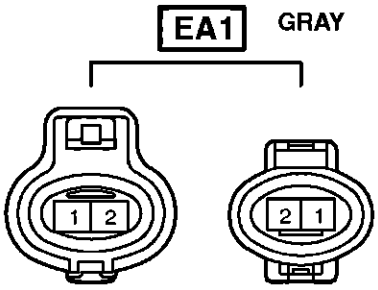
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 3S–FE]



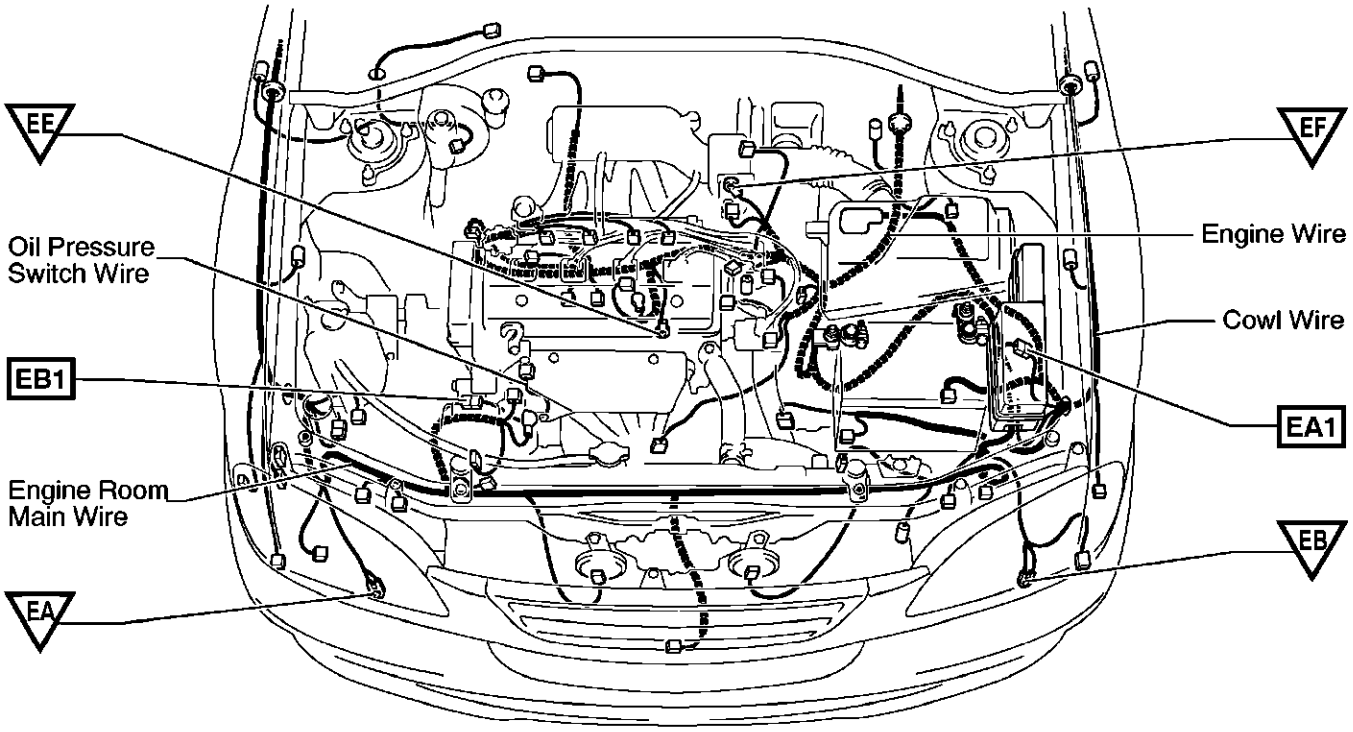
Connector Joining Wire Harness and Wire Harness



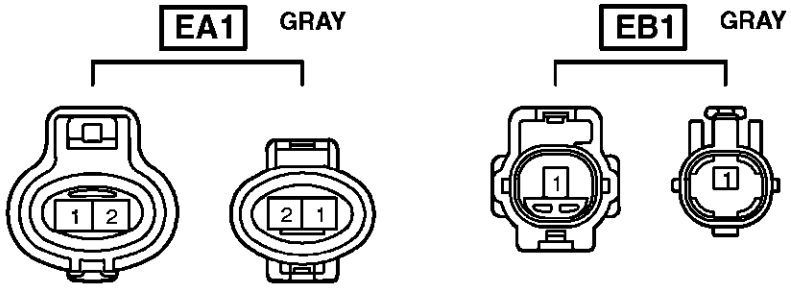
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 7A–FE, 4A–FE Lean Burn Type]



Connector Joining Wire Harness and Wire Harness

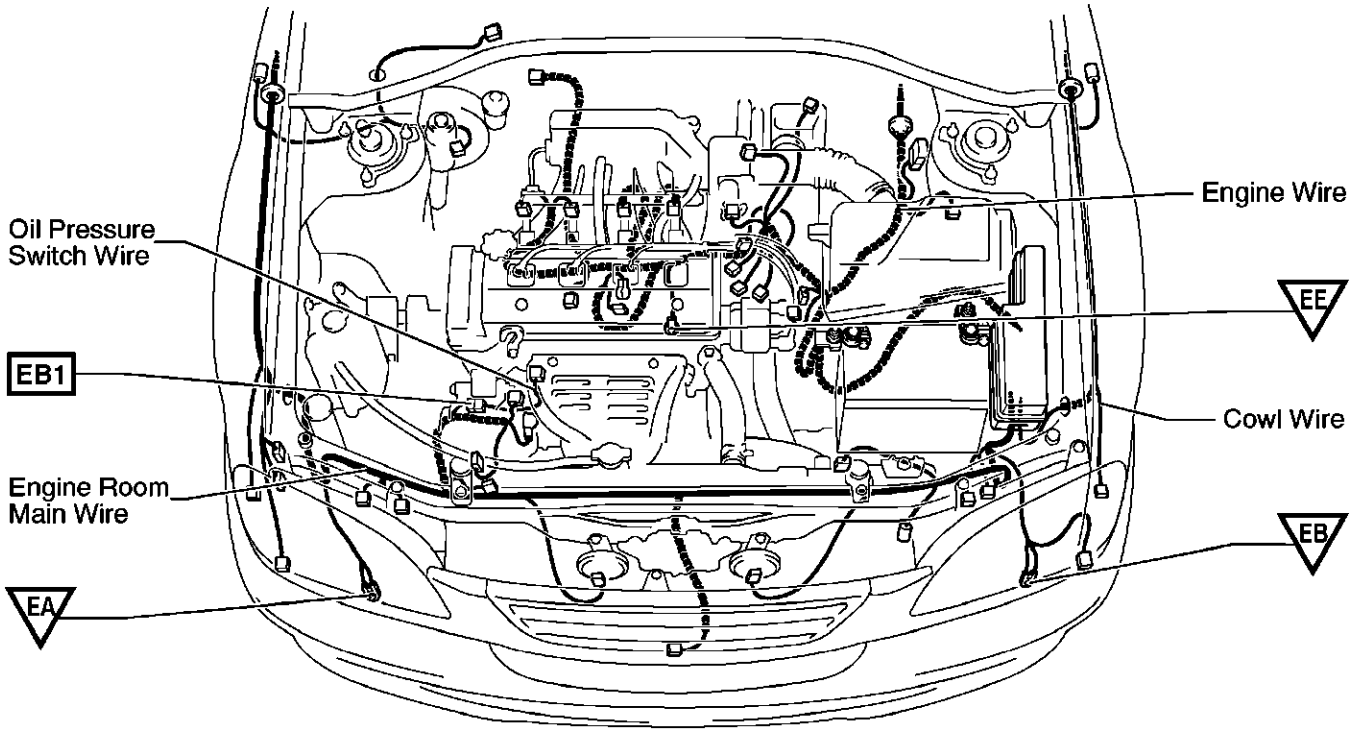


Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Room Main Wire and Cowl Wire (Under the Engine Room J/B)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

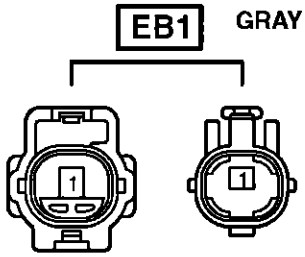
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 4A–FE Stoichiometric Type]



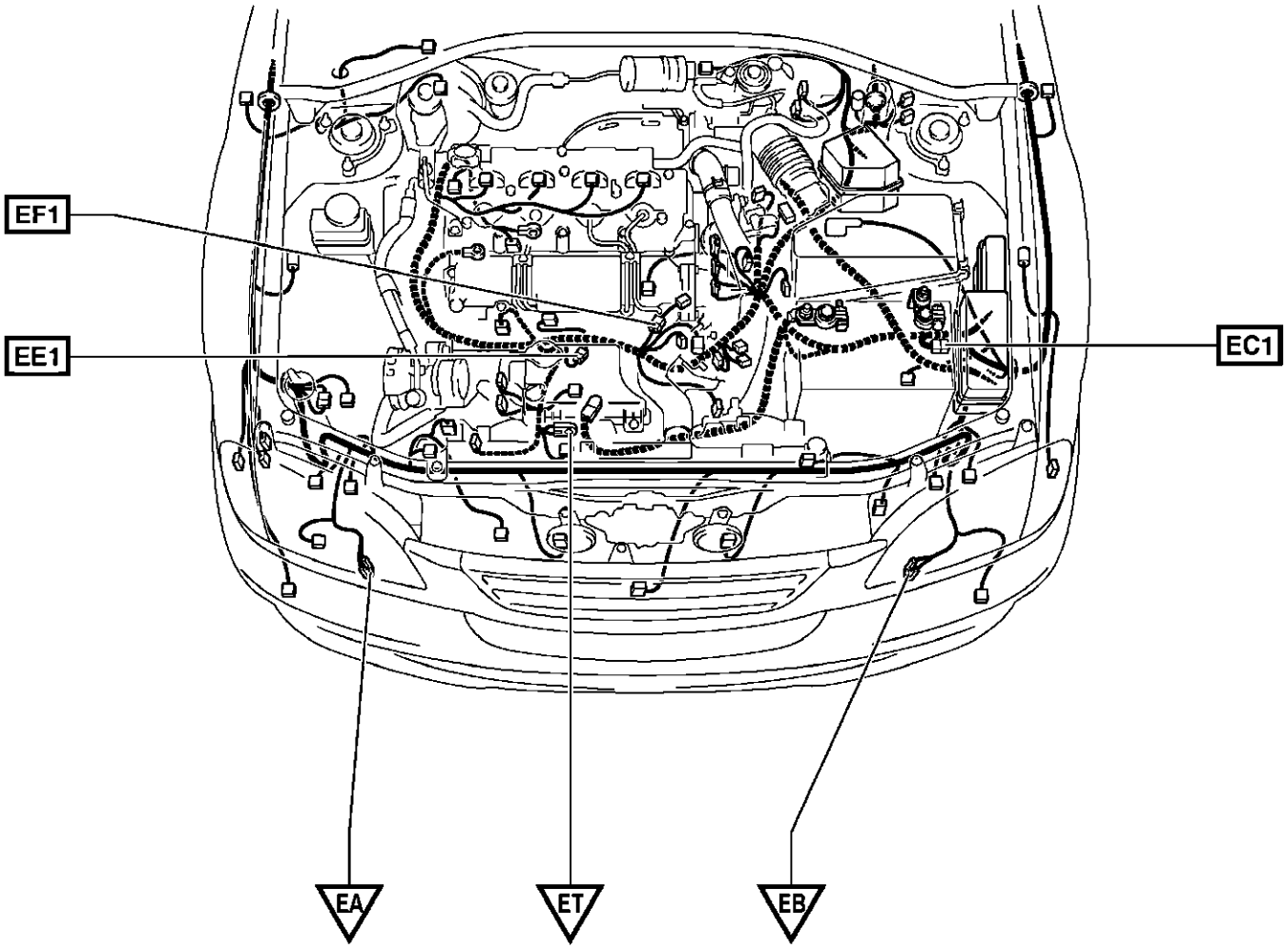
Connector Joining Wire Harness and Wire Harness



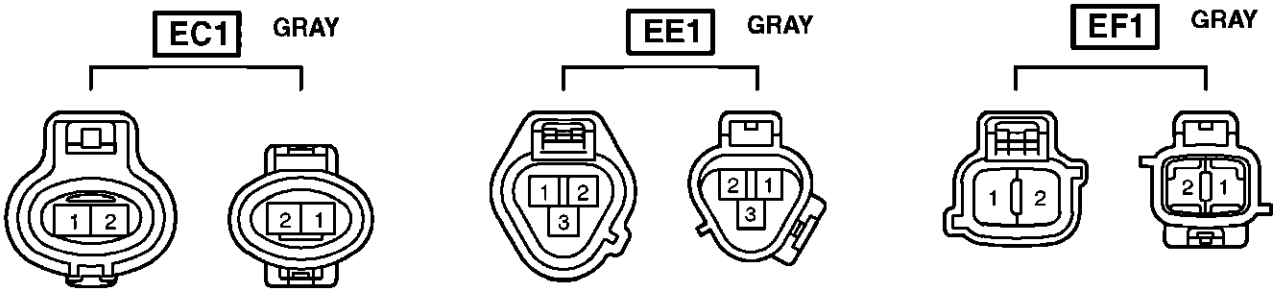
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Oil Pressure Switch Wire and Engine Room Main Wire (Near the Alternator)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 1CD–FTV]



Connector Joining Wire Harness and Wire Harness

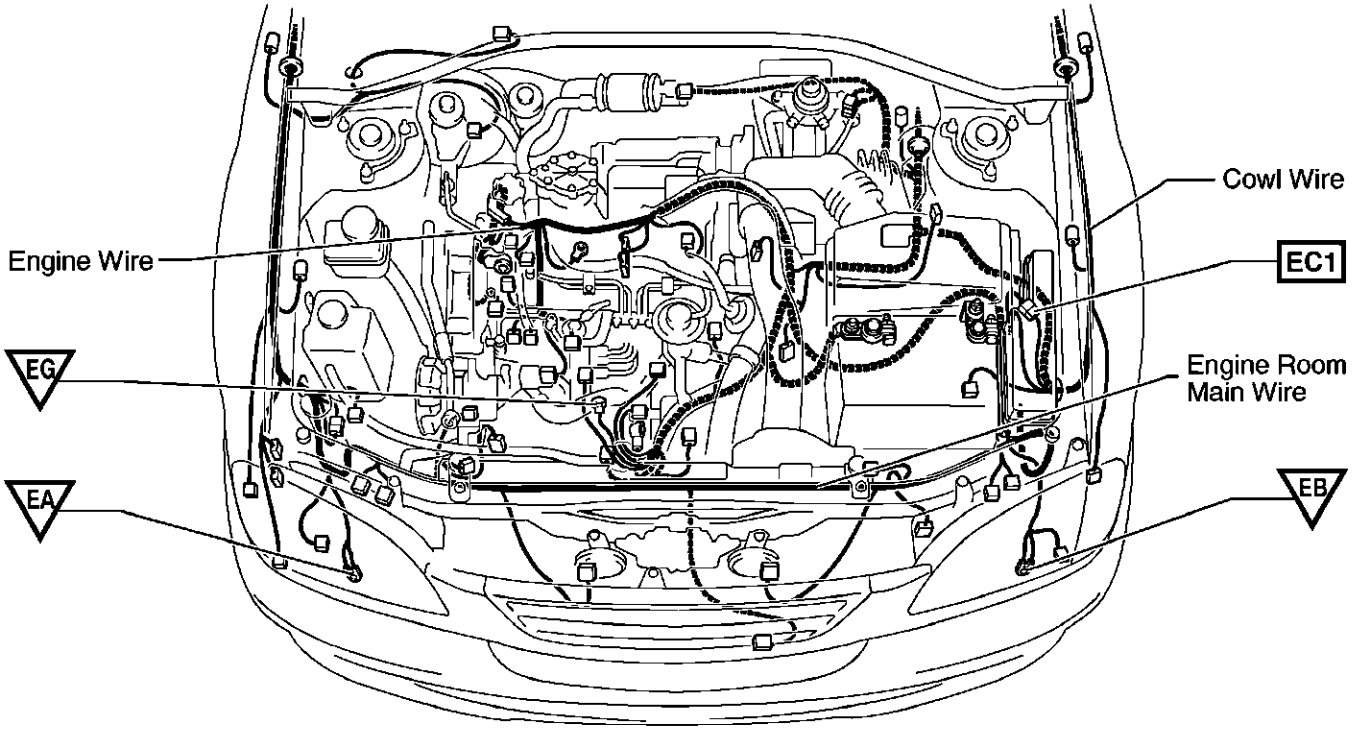


Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)
EE1	Engine Wire and Engine No.6 Wire (Under the Starter)
EF1	Engine Wire and Engine No.4 Wire (Under the Starter)

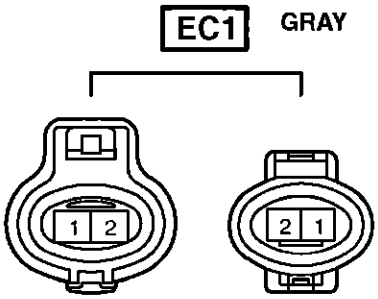
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : 2C–TE]



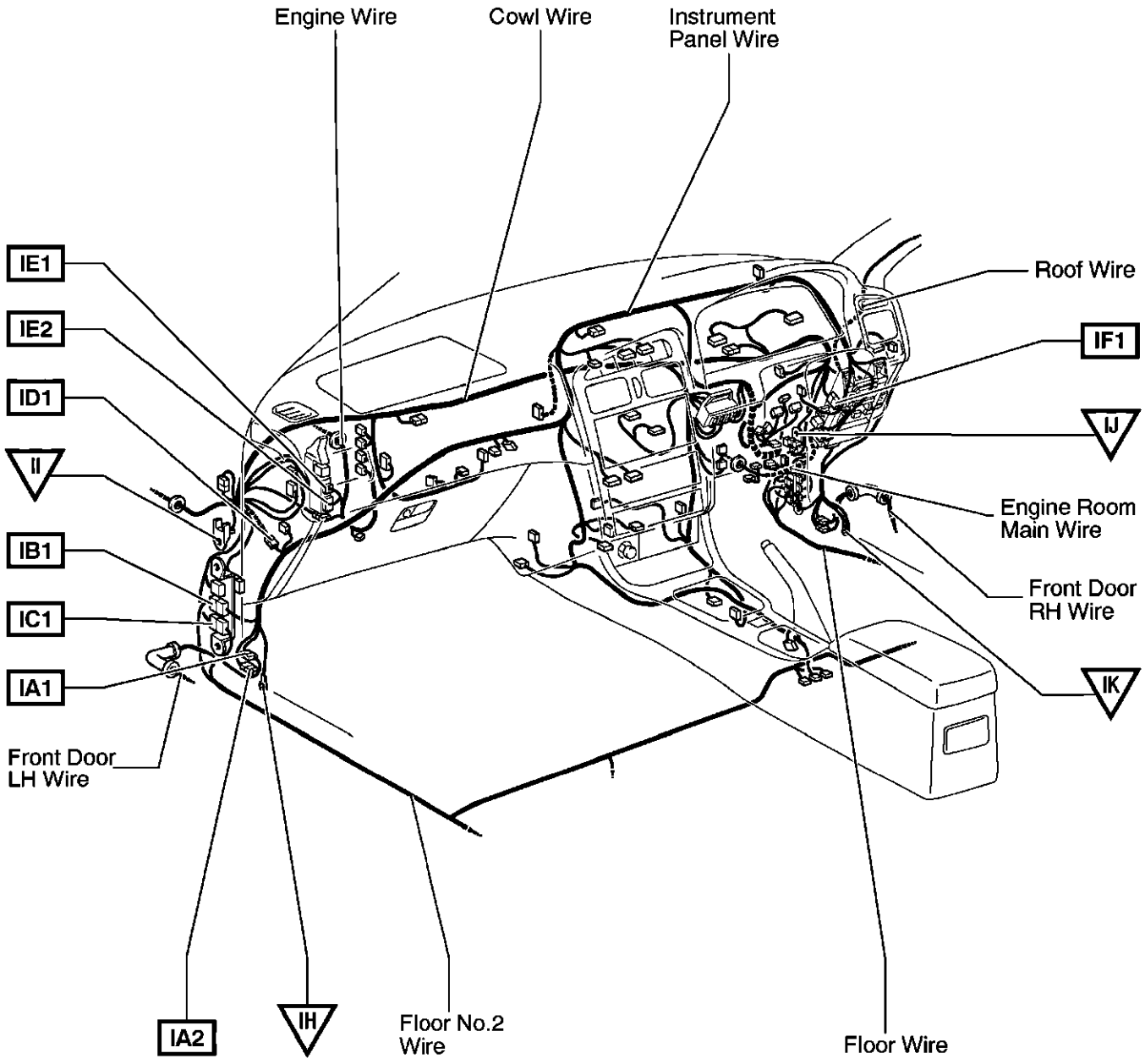
Connector Joining Wire Harness and Wire Harness



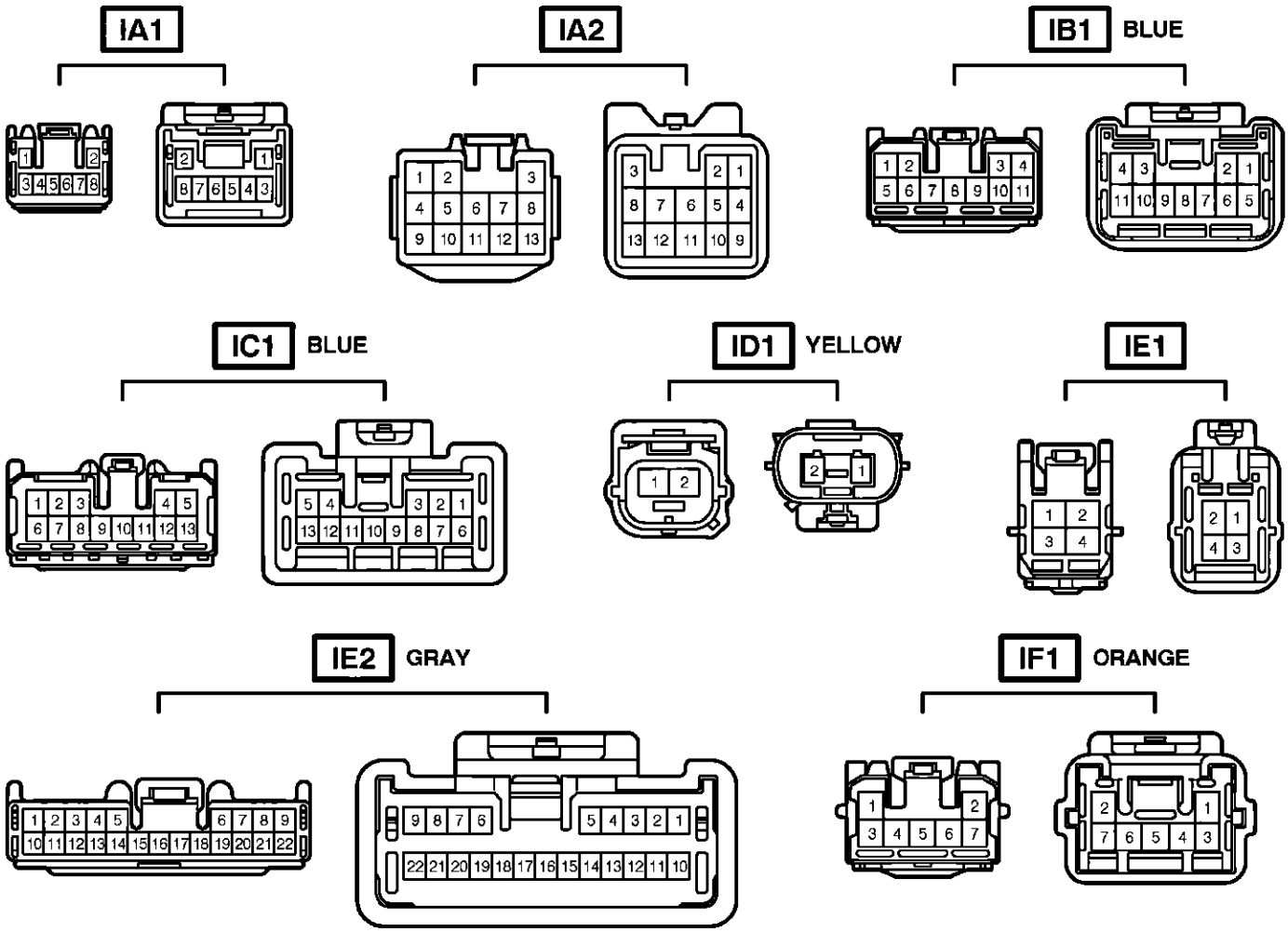
Code	Joining Wire Harness and Wire Harness (Connector Location)
EC1	Engine Wire and Cowl Wire (Under the Engine Room J/B)

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD]



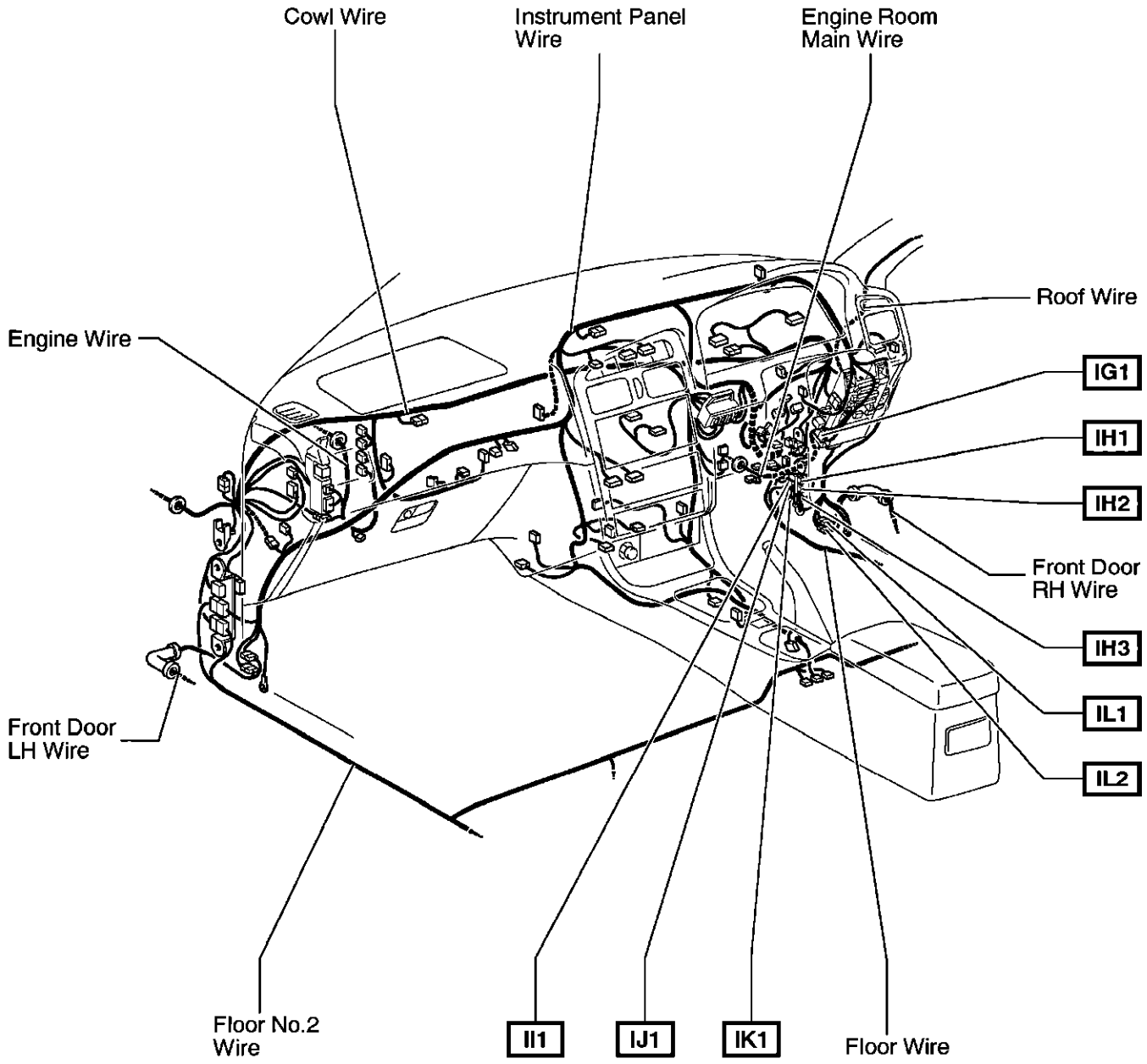
Connector Joining Wire Harness and Wire Harness



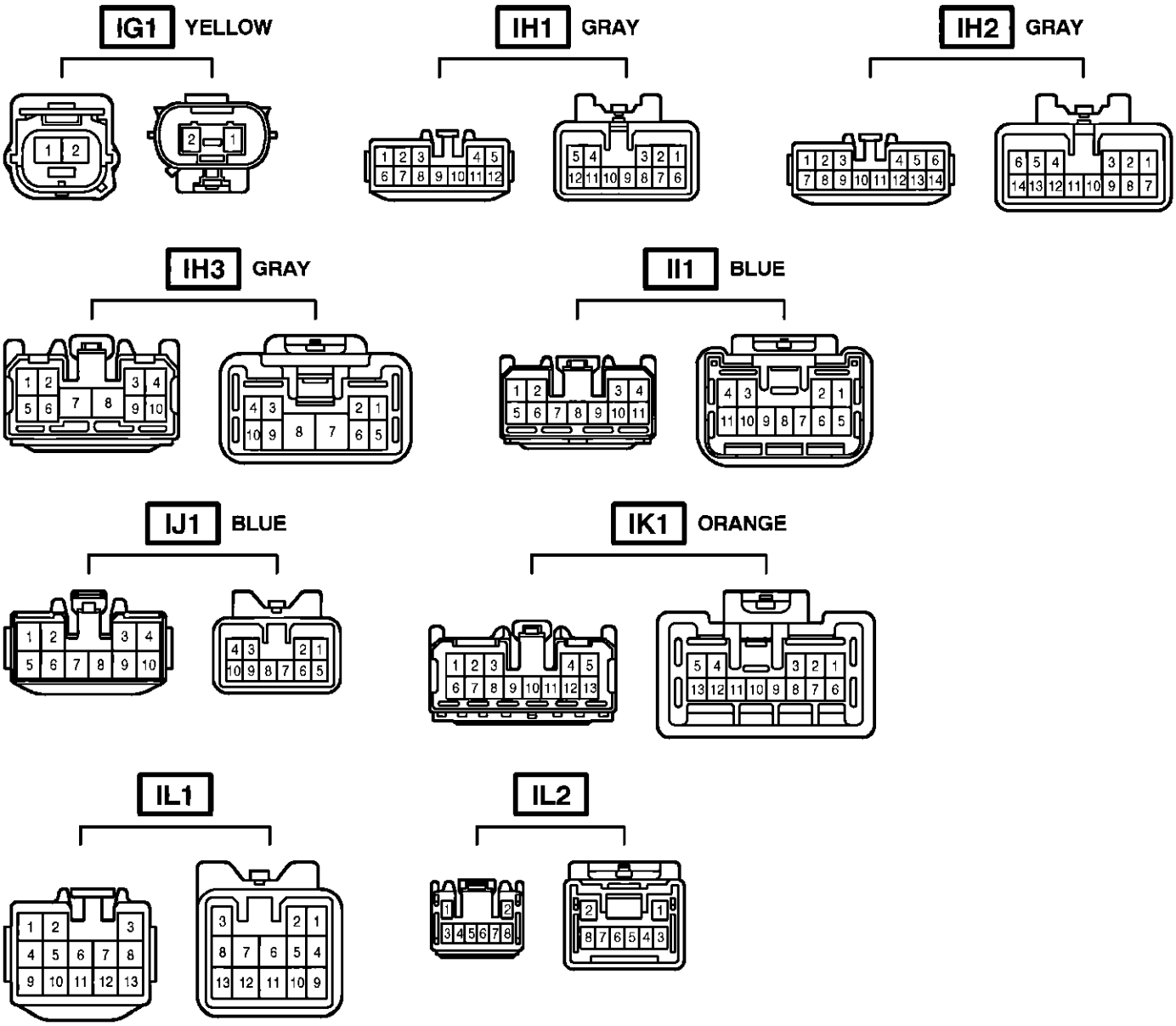
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	
IB1	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IC1	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
ID1	Instrument Panel Wire and Cowl Wire (Left Kick Panel)
IE1	Engine Wire and Cowl Wire (Passenger's Side Dash Panel)
IE2	
IF1	Instrument Panel Wire and Cowl Wire (Left Side of the Instrument Panel J/B)

: Location of Connector Joining Wire Harness and Wire Harness

[RHD]



Connector Joining Wire Harness and Wire Harness

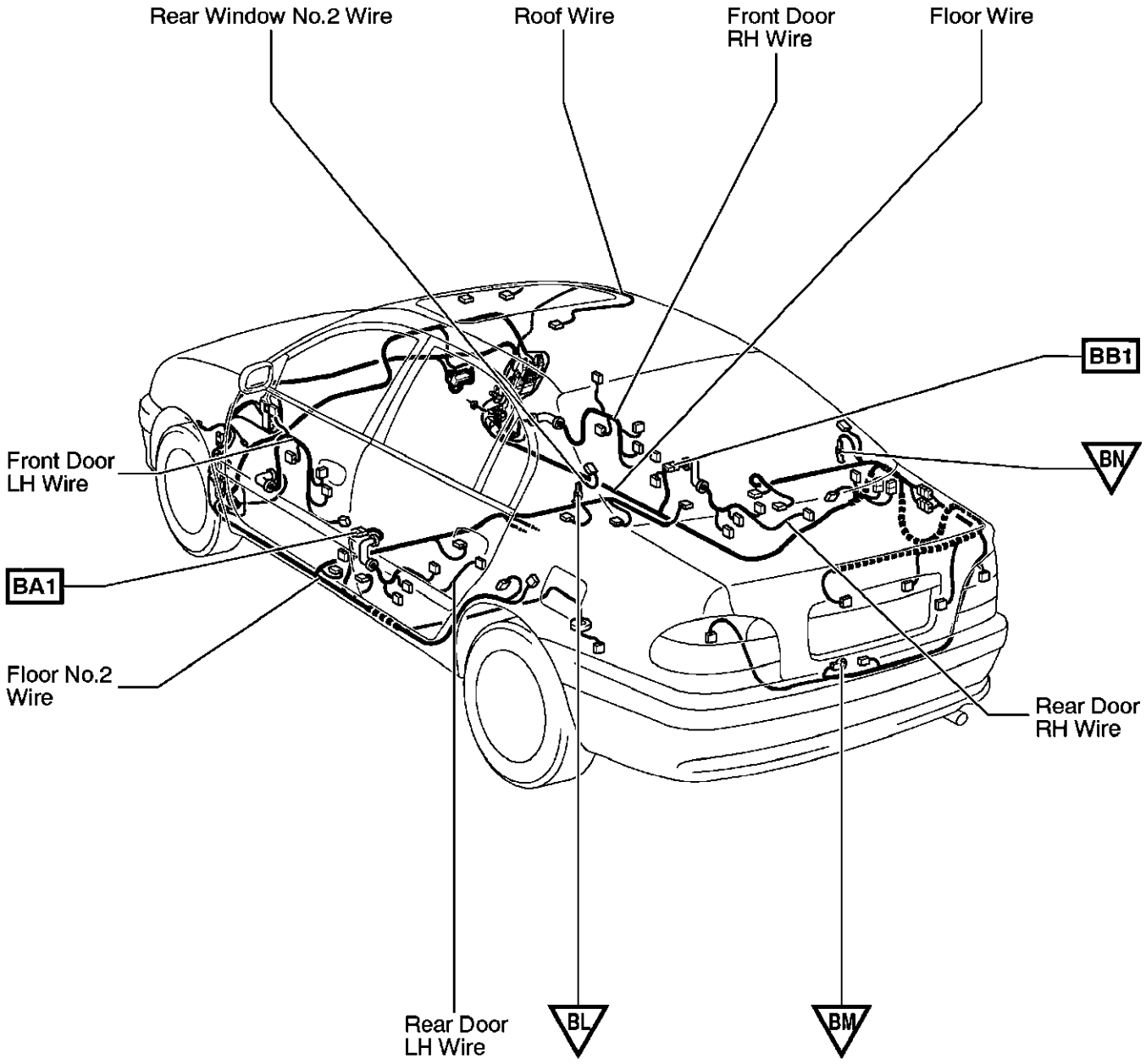


Code	Joining Wire Harness and Wire Harness (Connector Location)
IG1	Instrument Panel Wire and Engine Room Main Wire (Left Side of the Instrument Panel J/B)
IH1	Engine Room Main Wire and Cowl Wire (Right Kick Panel)
IH2	
IH3	
II1	Floor Wire and Cowl Wire (Right Kick Panel)
IJ1	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IK1	Instrument Panel Wire and Cowl Wire (Right Kick Panel)
IL1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2	

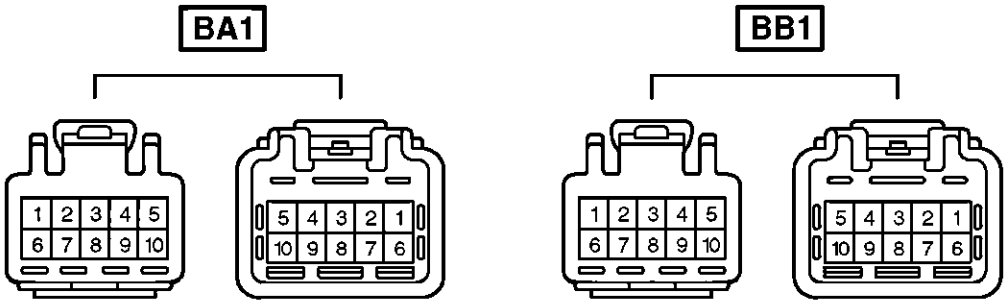
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : S/D]



Connector Joining Wire Harness and Wire Harness

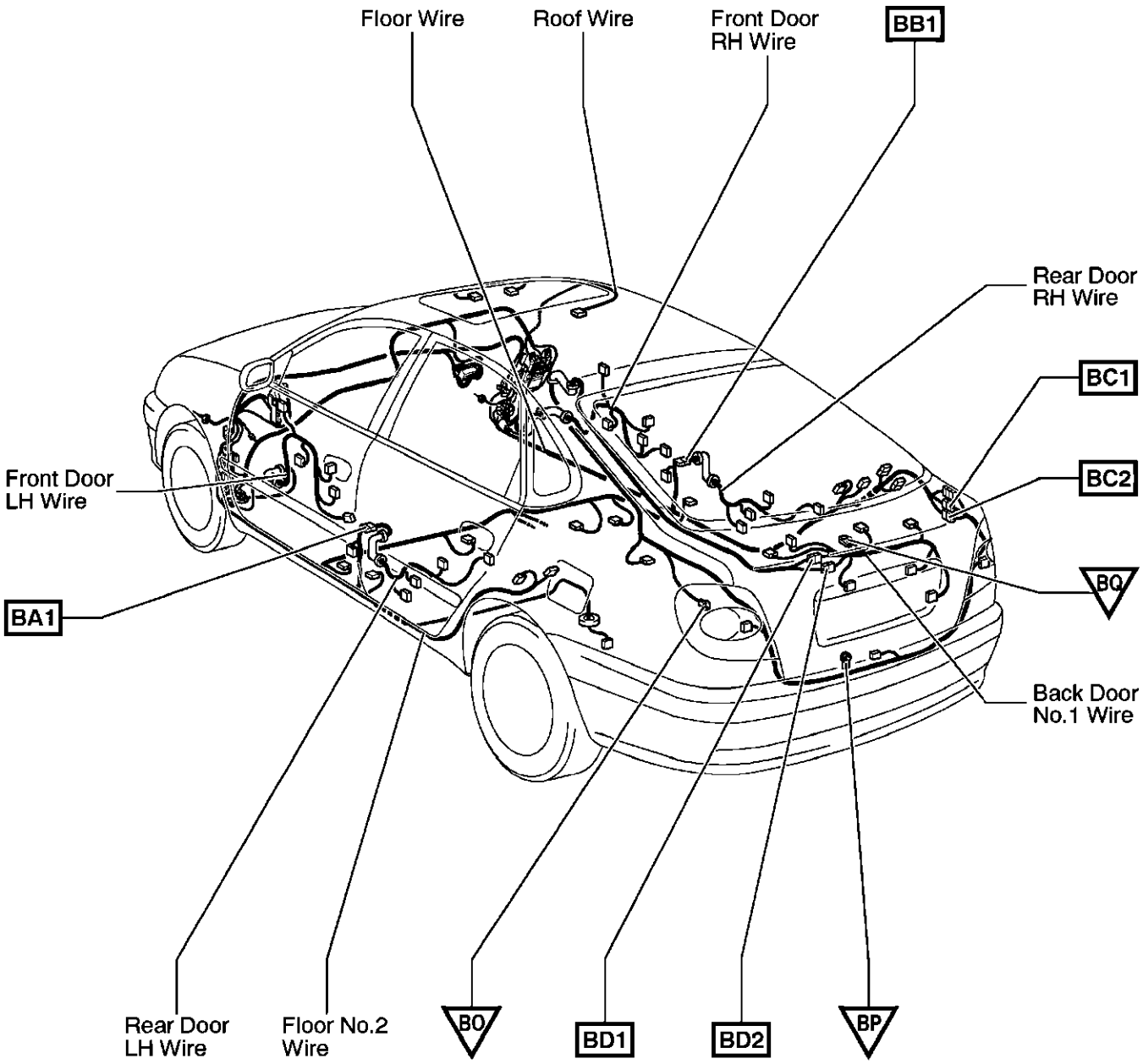


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)

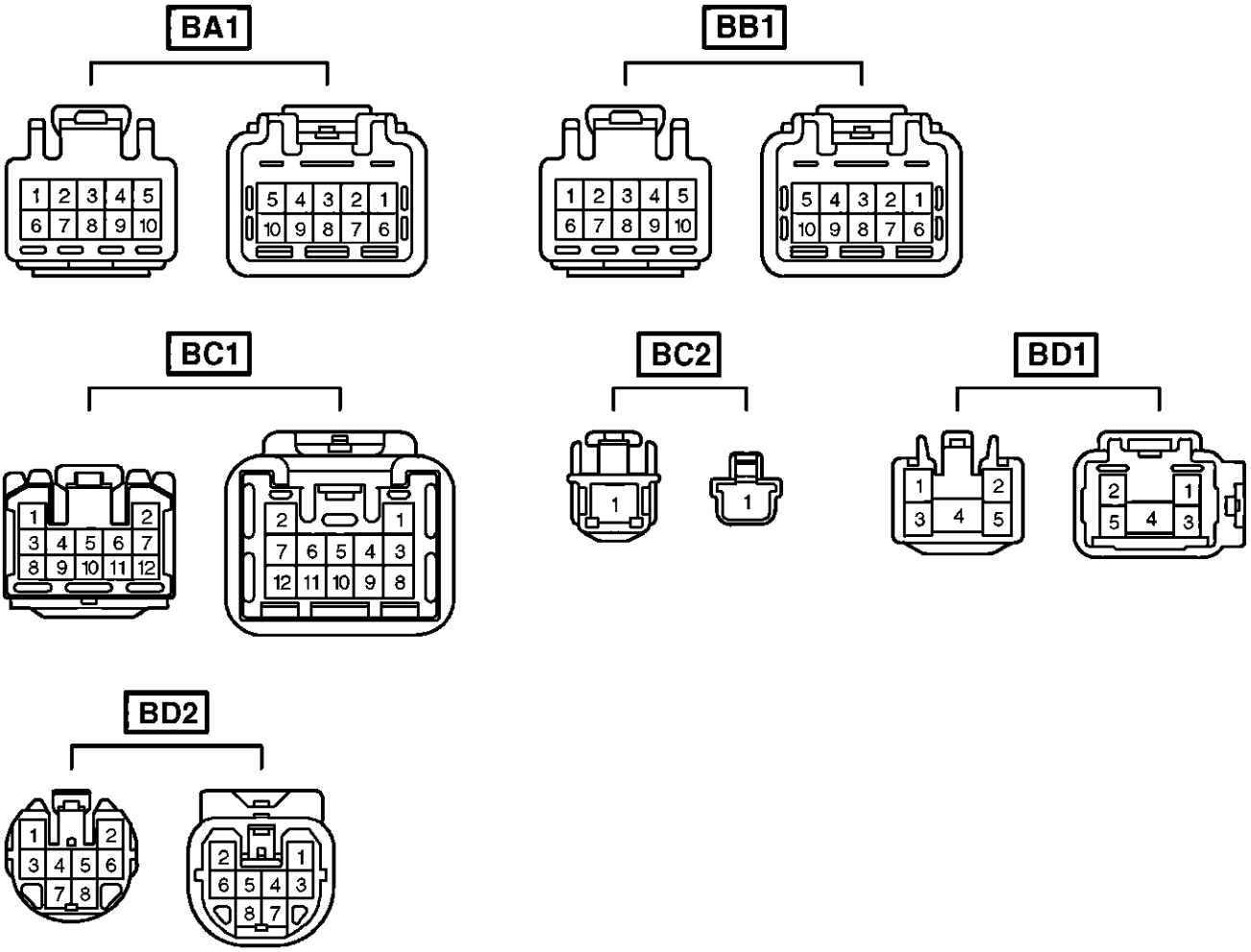
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : L/B]



Connector Joining Wire Harness and Wire Harness

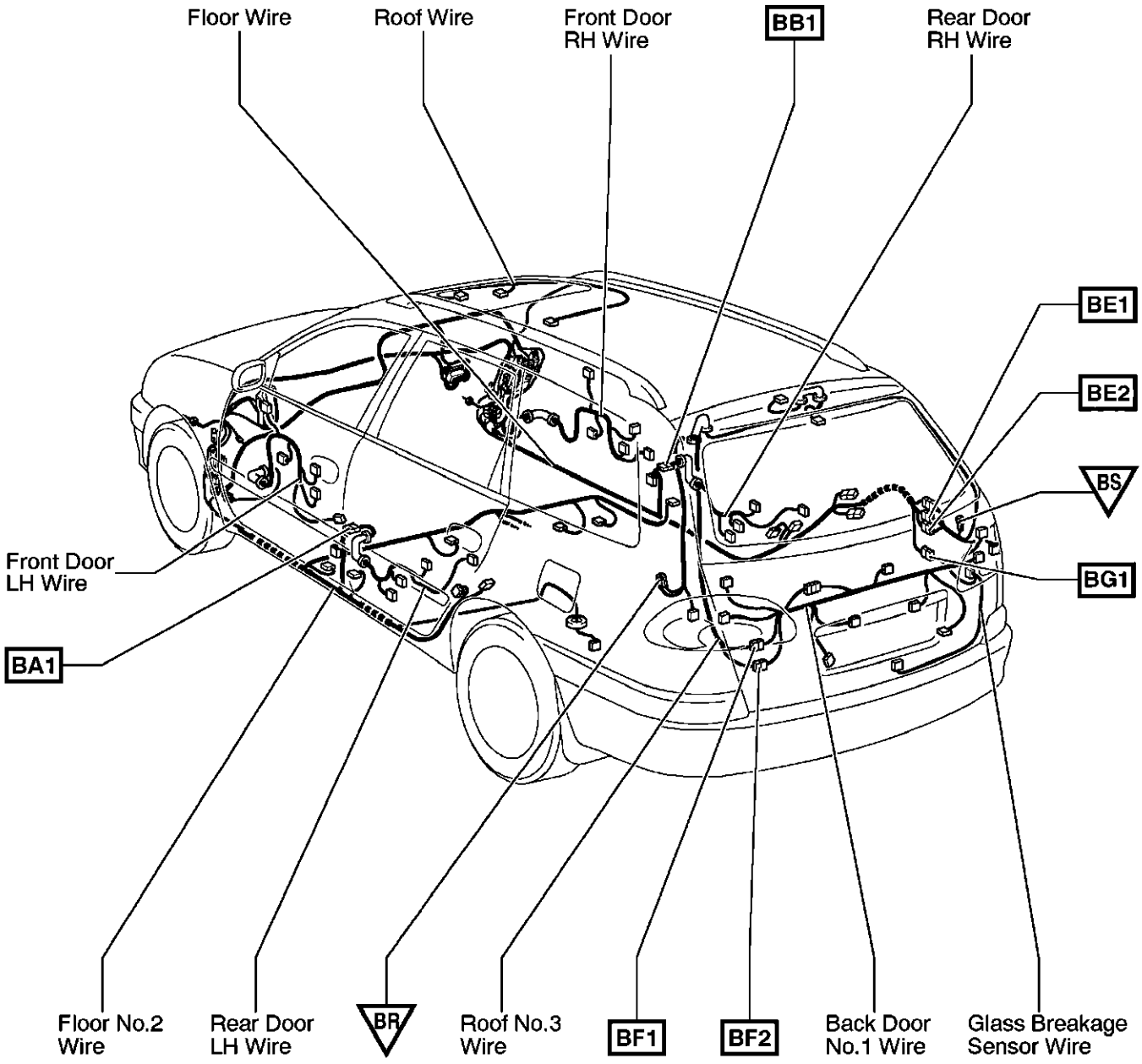


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
BC1	Floor Wire and Floor Wire (Under the Right Quarter Pillar)
BC2	
BD1	Floor Wire and Back Door No.1 Wire (Back Door Left)
BD2	

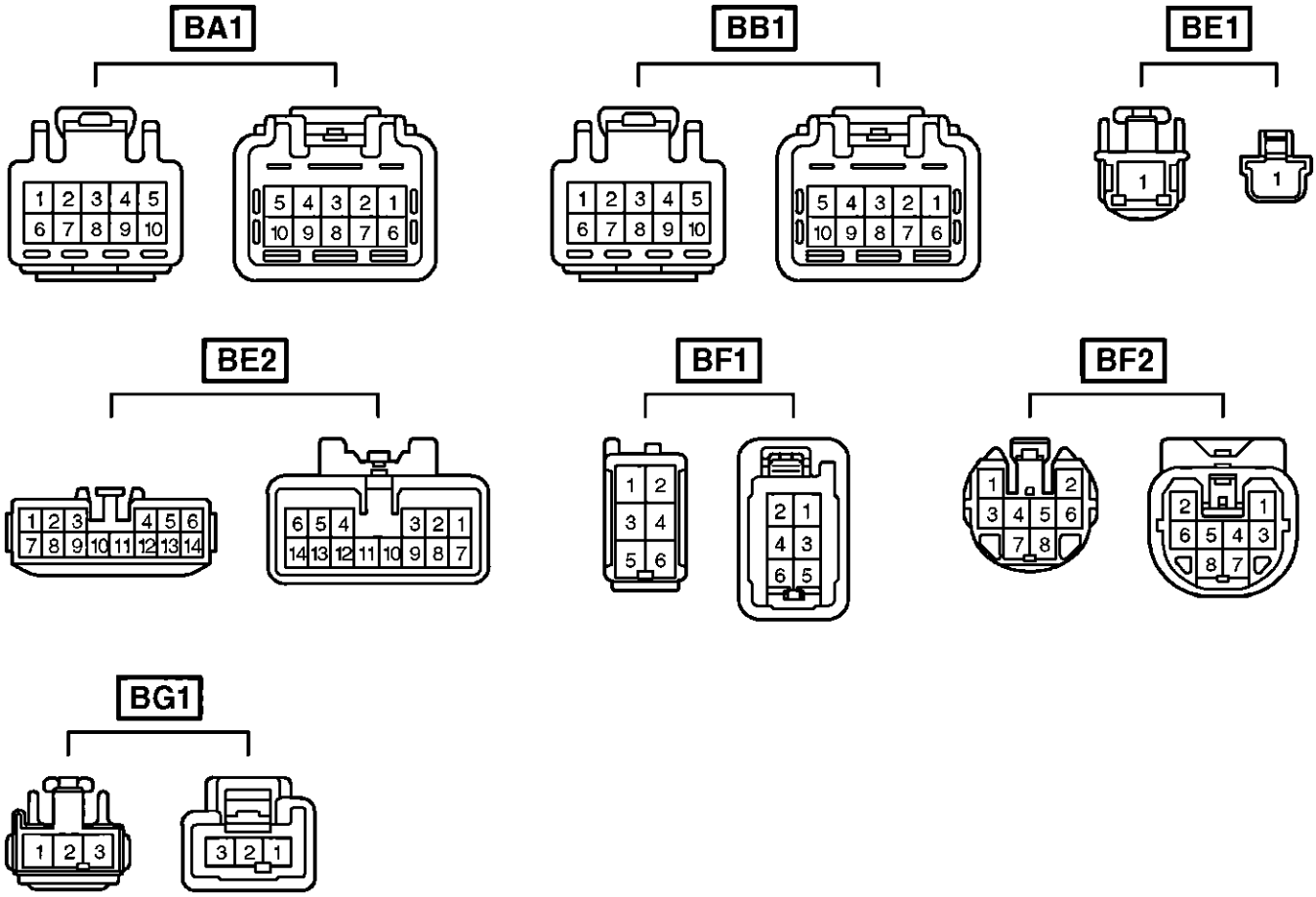
E ELECTRICAL WIRING ROUTING

▭ : Location of Connector Joining Wire Harness and Wire Harness
▽ : Location of Ground Points

[RHD : W/G]



Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door LH Wire and Floor No.2 Wire (Under the Left Center Pillar)
BB1	Rear Door RH Wire and Floor Wire (Under the Right Center Pillar)
BE1	Roof No.3 Wire and Floor Wire (Right Quarter Panel)
BE2	
BF1	Roof No.3 Wire and Back Door No.1 Wire (Back Door Left)
BF2	
BG1	Floor Wire and Glass Breakage Sensor Wire (Rear Quarter Panel RH)

F CONNECTOR LIST

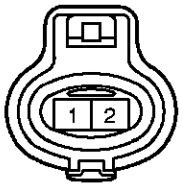
A1
BLACK



A2
(Gasoline) BLACK



A2
(Diesel) GRAY



A3
GRAY



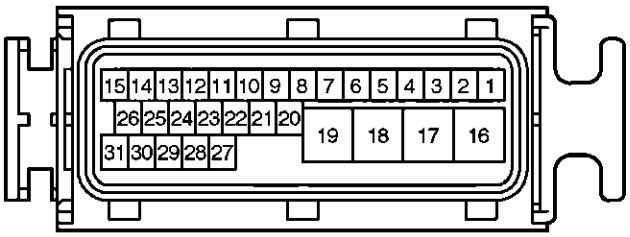
A4
GRAY



A5
DARK GRAY



A6
BLACK



A7
GRAY



A8
GRAY



A9
GRAY



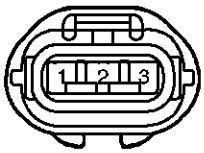
A10



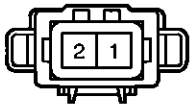
A11
(1CD–FTV) BLACK



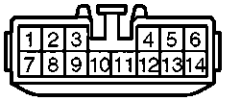
A11
(Except 1CD–FTV) BLACK



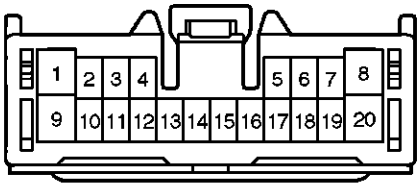
A12
BLACK



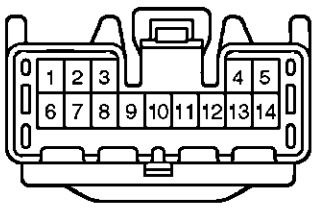
A13
BLACK



A14
ORANGE



A15
ORANGE



A16



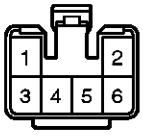
A17
BLACK



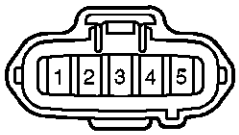
A18
BLACK



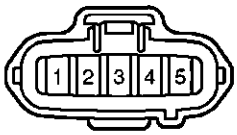
A19
BLACK



A20
(1CD–FTV, 2C–TE (RHD)) BLACK



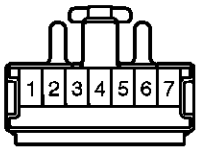
A20
(2C–TE (LHD)) DARK GRAY



A21



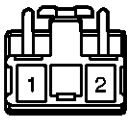
A22
BLACK



A23
YELLOW



A24
YELLOW



A25
BLACK



A26
GRAY

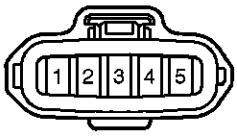


∗ 1 : Lean Burn Type, 4A–FE Europe Stoichiometric Type

A27
GRAY



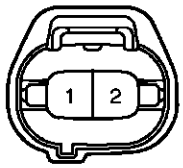
A28
BLACK



B1
GRAY



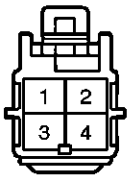
B2
BLACK



B3
BLACK



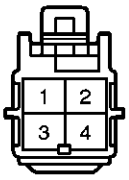
B4



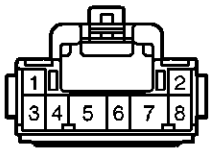
B5
BLACK



B6
BLACK



B7



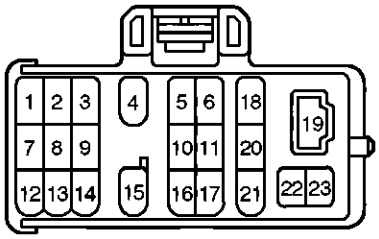
B8
BLACK



C1
BLACK



C2
BLACK



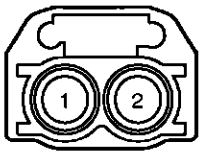
C3
(3S–FE, 2C–TE) BLACK



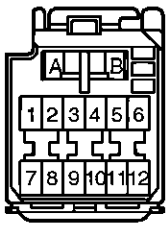
C3
(∗ 1) DARK GRAY



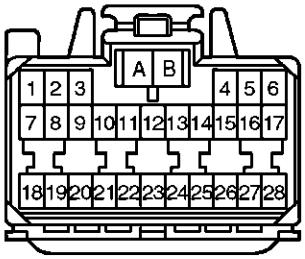
C3
(1CD–FTV) BLACK



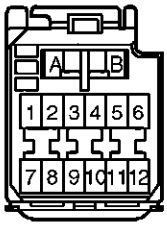
C4
YELLOW



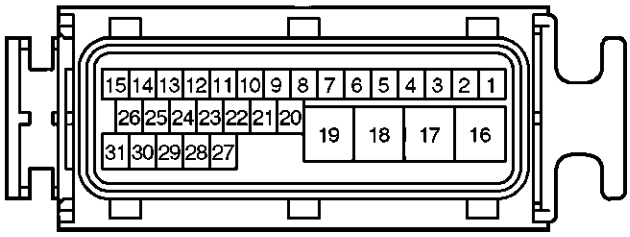
C5
YELLOW



C6
YELLOW



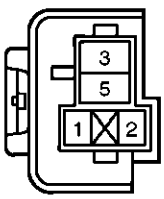
C7
BLACK



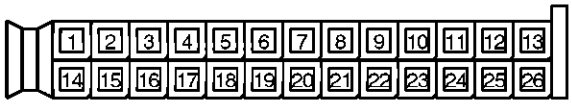
C8
BLACK



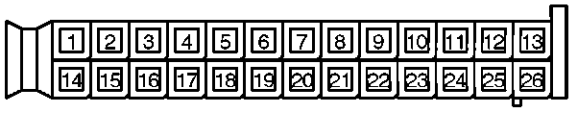
C9



C10
BLACK

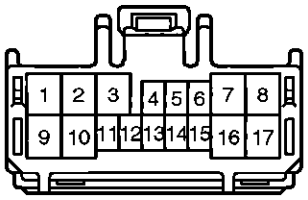


C11
GREEN

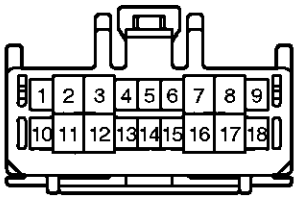


F CONNECTOR LIST

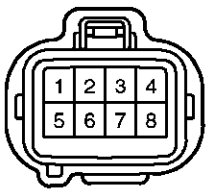
C12



C13
BLACK



C14
BLACK



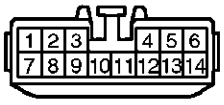
C15
YELLOW



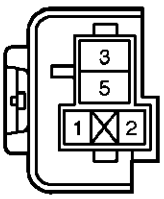
C16
YELLOW



D1
BLUE



D2



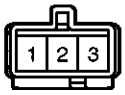
D3



D4
BLACK



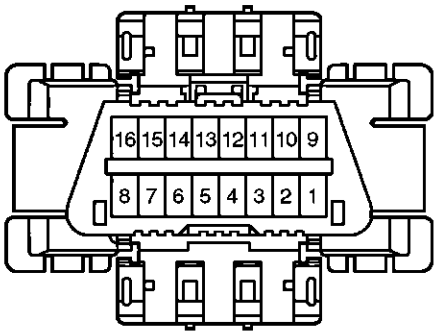
D5
ORANGE



D6
BLACK



D8



D9
BLACK



D10



D11



D12



D13



D14
BLACK



D15
BLACK



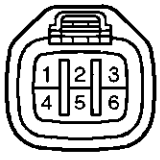
D16
BLACK



D17
BLACK



D18
BLACK



D19
DARK GRAY



D20
BLACK



D21
BLACK



E1
BLACK



E2



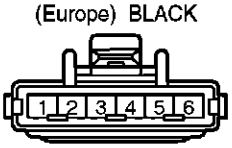
E3
GRAY



E4



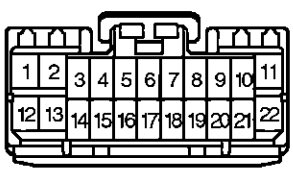
E5
(Europe) BLACK



E5
(General) BLACK

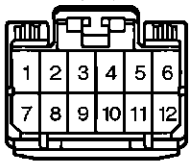


E6
(3S–FE, Lean Burn Type)

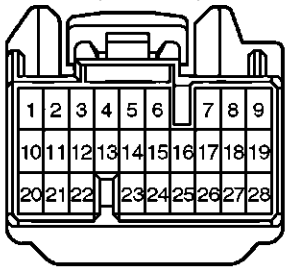


* 2 : 4A–FE General Stoichiometric Type
* 3 : 3S–FE, 4A–FE General Stoichiometric Type, Lean Burn Type, 2C–TE, 2C–T
* 4 : 4A–FE Europe Stoichiometric Type
* 5 : 3S–FE, 4A–FE General Stoichiometric Type, Lean Burn Type, 2C–TE

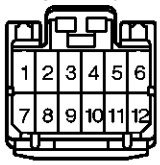
E6
(* 2)



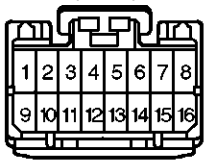
E6
(1CD–FTV)



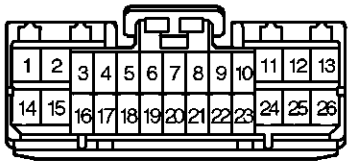
E6
(2C–TE)



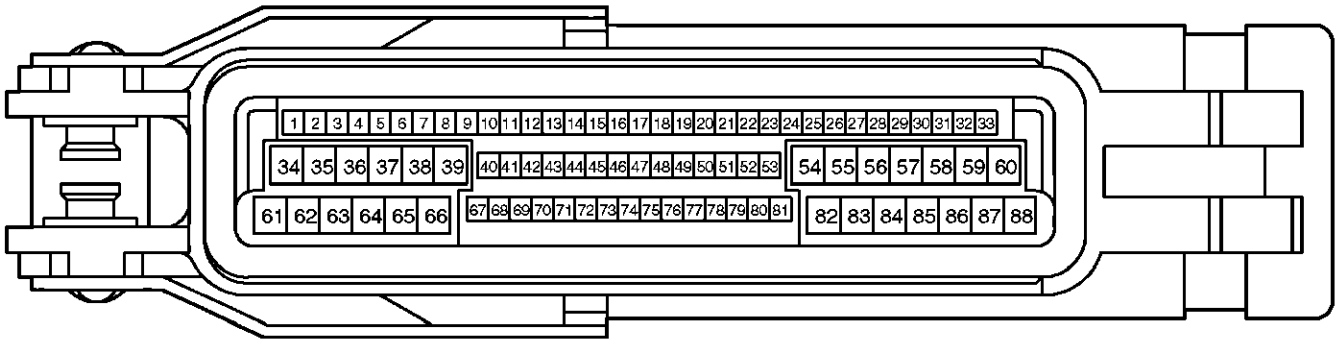
E6
(2C–T)



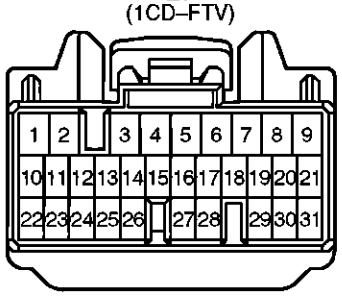
E7
(* 3)



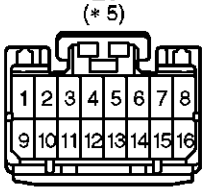
E7
(* 4) BLACK



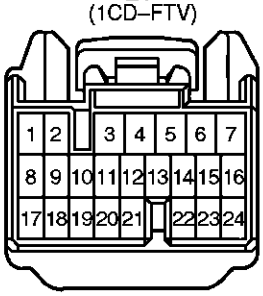
E7
(1CD–FTV)



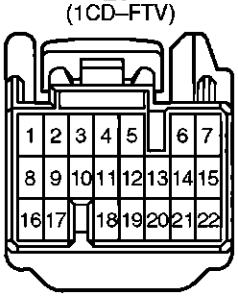
E8
(* 5)



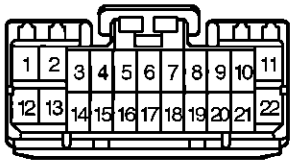
E8
(1CD–FTV)



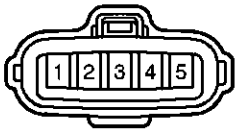
E9
(1CD–FTV)



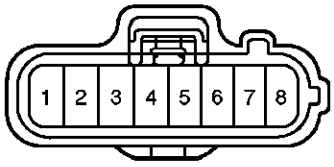
E9
(2C–TE)



E10



E11



F1
YELLOW



F CONNECTOR LIST

F2
YELLOW



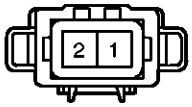
F3
BLACK



F4
BLACK



F5
BLACK



F6
BLACK



F7
BLACK



F8
BLACK



F9
BLACK



F10
BLACK



F11
GRAY



F12
(1CD–FTV) GRAY



F12
(2C–TE, 2C–T) GRAY



F13
(1CD–FTV) GRAY



F13
(2C–TE, 2C–T) GRAY



F14
DARK GRAY



F15



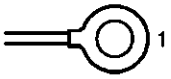
F16



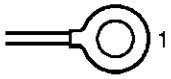
F17
BLUE



F18



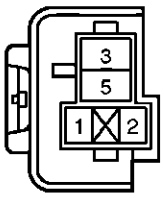
F19



F20



F21



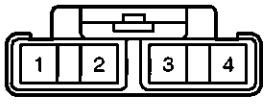
F22



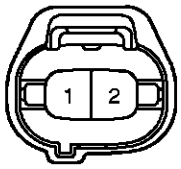
F23



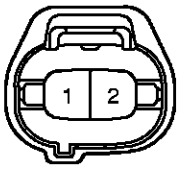
F24



F25
BLACK



F26
BLACK



F27
DARK GRAY



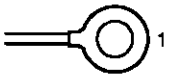
F28
BLACK



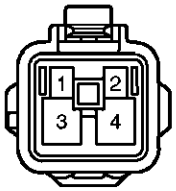
F29
BLACK



G1



G2
GRAY



G3
BLACK



G4
BLACK

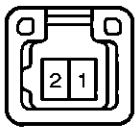


G5

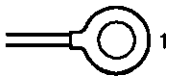


* 6 : 3S–FE, 4A–FE Europe Stoichiometric Type

G6



G7



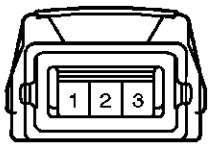
G8



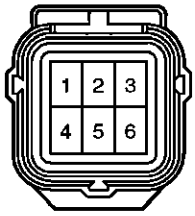
G9



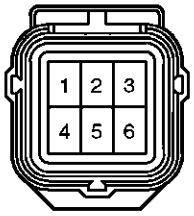
H1
BLACK



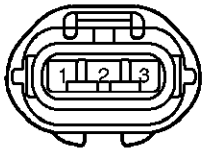
H2
BLACK



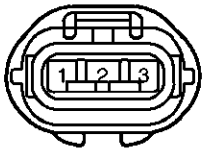
H3
BLACK



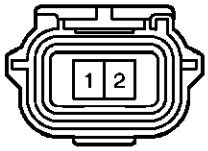
H4
GRAY



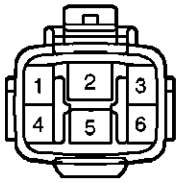
H5
GRAY



H6
BLACK



H7
BLACK



H8
DARK GRAY



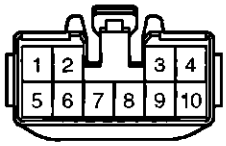
H9
BLACK



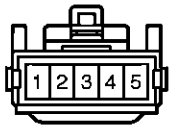
H10
BLACK



H11
BLACK



H12
GRAY



H13
BLACK



H14



H15
GRAY



H16
BROWN



I1
BLACK



I2
GRAY



I3
BLACK



I4
DARK GRAY



I5
GRAY



I6
(2C–TE) BLACK



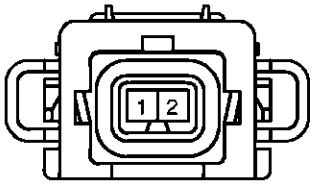
I6
(2C–T) GRAY



I7
(* 6) BROWN



I7
(Lean Burn Type) BLACK



F CONNECTOR LIST

* 2 : 4A–FE General Stoichiometric Type
* 6 : 3S–FE, 4A–FE Europe Stoichiometric Type

I7
(* 2) GRAY



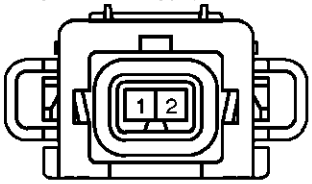
I7
(1CD–FTV)



I8
(* 6) GRAY



I8
(Lean Burn Type) BLACK



I8
(* 2) DARK GRAY



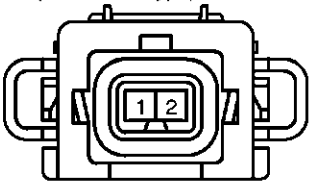
I8
(1CD–FTV)



I9
(* 6) BROWN



I9
(Lean Burn Type) BLACK



I9
(* 2) GRAY



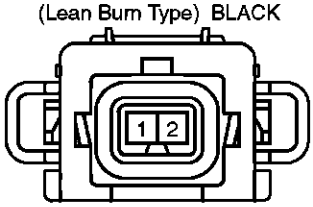
I9
(1CD–FTV)



I10
(* 6) GRAY



I10
(Lean Burn Type) BLACK



I10
(* 2) DARK GRAY



I10
(1CD–FTV)



I11
(1CD–FTV, 2C–TE) DARK GRAY



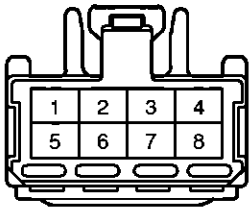
I11
(Gasoline) BLACK



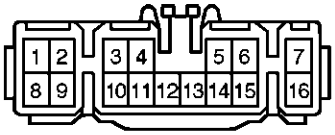
I12
GRAY



I13



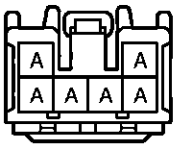
I14
ORANGE



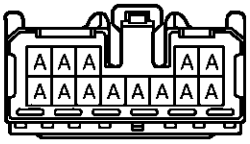
I15



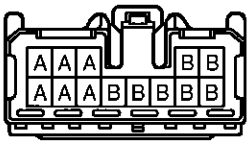
J1



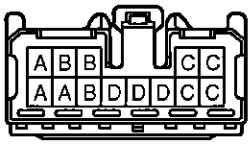
J2
ORANGE



J3
GRAY



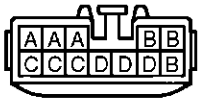
J4
BLUE



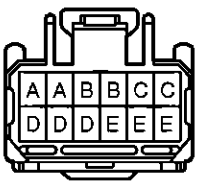
J5
GRAY



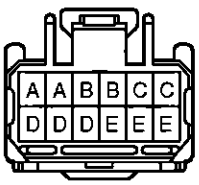
J6
BLACK



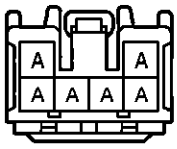
J7



J8
BLACK



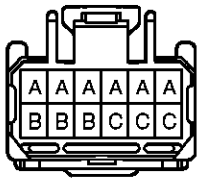
J9



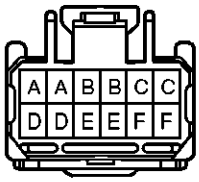
J10
GRAY



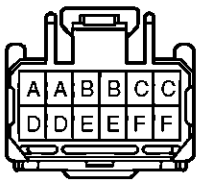
J11
GRAY



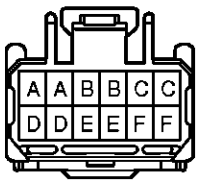
J12



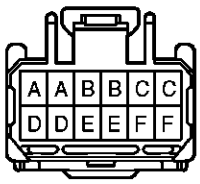
J13



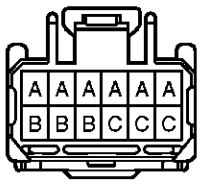
J14



J15



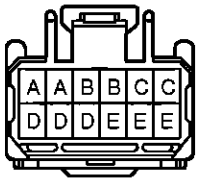
J16
GRAY



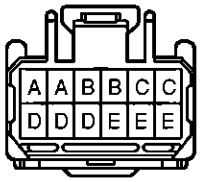
J17
GRAY



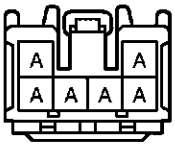
J18
BLACK



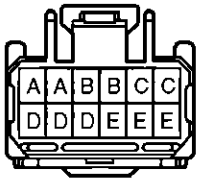
J19
BLACK



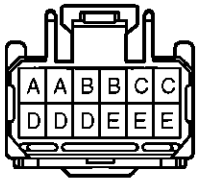
J20



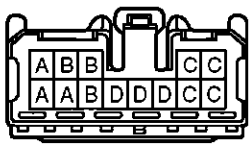
J21



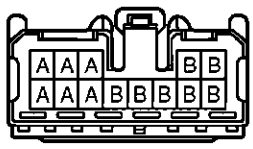
J22
BLACK



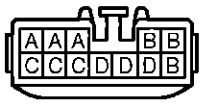
J23
BLUE



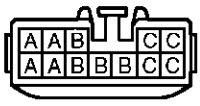
J24
GRAY



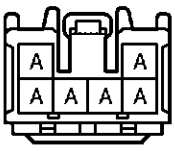
J25
BLACK



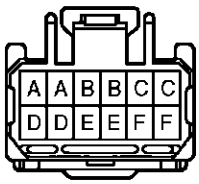
J26
GRAY



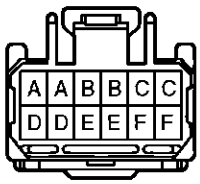
J27



J28



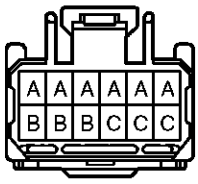
J29



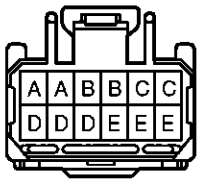
J30
GRAY



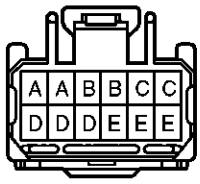
J31
GRAY



J32
BLACK



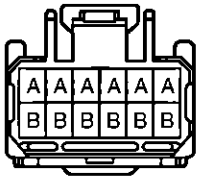
J33
BLACK



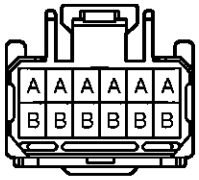
F CONNECTOR LIST

* 4 : 4A–FE Europe Stoichiometric Type
* 7 : Except 4A–FE Europe Stoichiometric Type

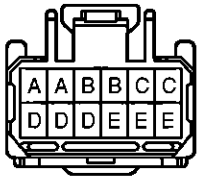
J34
GRAY



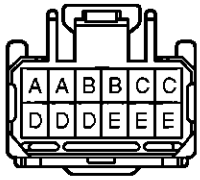
J35
GRAY



J36
BLACK



J37
BLACK



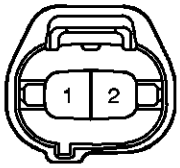
K1
(* 7) DARK GRAY



K1
(* 4) BLACK



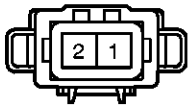
K2
BLACK



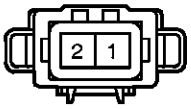
L1
DARK GRAY



L2
BLACK



L3
BLACK



L4
BLACK



L5
(S/D)



L5
(L/B)



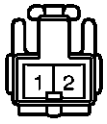
L5
(W/G)



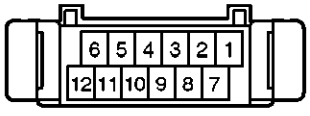
L6
(S/D, L/B) GRAY



L6
(W/G)



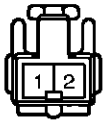
M1
BLACK



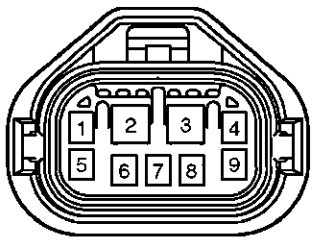
M2



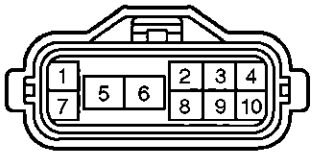
M3
BLACK



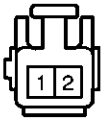
N1
(3S–FE) GRAY



N1
(7A–FE, 4A–FE) GRAY



N2



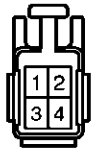
O1
(7A–FE, 4A–FE) BLACK



O1
(Except 7A–FE and 4A–FE) GRAY



O2



P1
BLACK



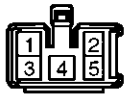
P2
BLACK



P3
GRAY



P4
BLACK



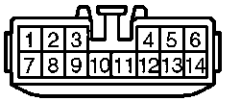
P5
BLACK



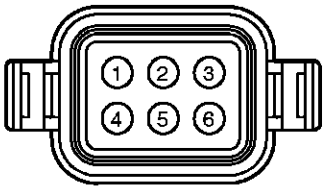
P6
BLACK



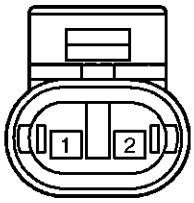
P7



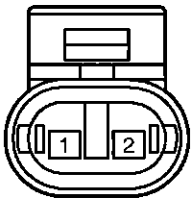
P8
GRAY



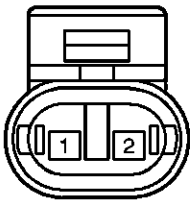
P9
BLACK



P10
BLACK



P11
BLACK



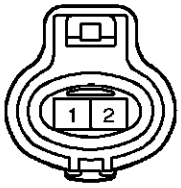
P12
YELLOW



P13
YELLOW



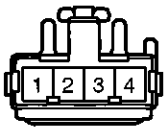
R1
BLACK



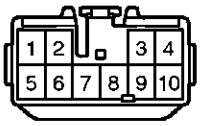
R2
RED



R3



R4



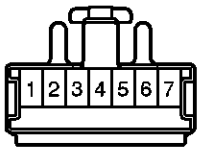
R5



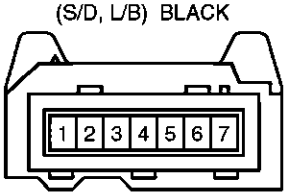
R6
DARK GRAY



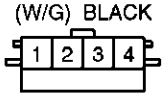
R7
BLACK



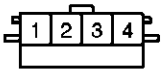
R8
(S/D, L/B) BLACK



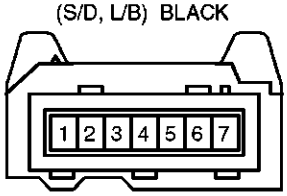
R8
(W/G) BLACK



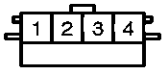
R9
BLACK



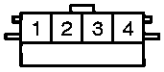
R10
(S/D, L/B) BLACK



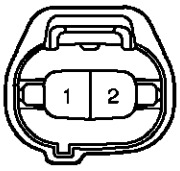
R10
(W/G) BLACK



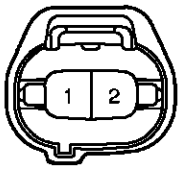
R11
BLACK



R12
BLACK



R13
BLACK



R14
(S/D)



R14
(L/B) BLACK



R14
(W/G)



R15
(S/D) BLACK



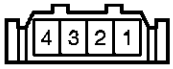
R15
(L/B) BLACK



R15
(W/G)



R16
BLACK



R17
(w/ Mirror Heater)



R17
(w/o Mirror Heater)



R18
(w/ Mirror Heater)



R18
(w/o Mirror Heater)



S1



F CONNECTOR LIST

* 4 : 4A–FE Europe Stoichiometric Type
* 7 : Except 4A–FE Europe Stoichiometric Type

S2



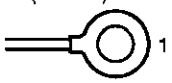
S3
BLACK



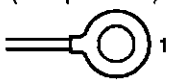
S4
GRAY



S5
(3S–FE)



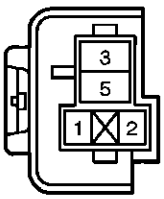
S5
(Except 3S–FE)



S6
BLACK



S7



S8
BLUE



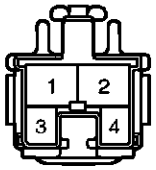
S9



S10



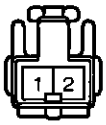
S11
BLACK



S12
BLUE



S13



S14
YELLOW



S15
YELLOW



S16
YELLOW



S17
YELLOW



S18
BROWN



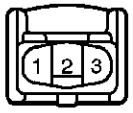
S19
BLACK



T1
GRAY



T2
(* 4) BLACK



T2
(* 7) BLACK



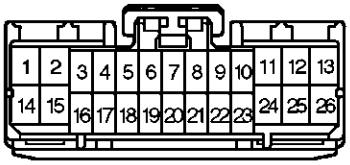
T3
BROWN



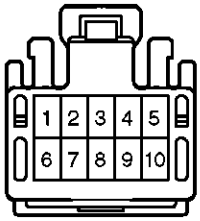
T4
BLACK



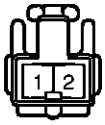
T5
DARK GRAY



T6



U1
BLACK



V1
BLACK



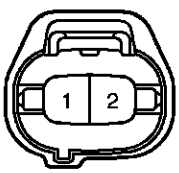
V2
BLACK



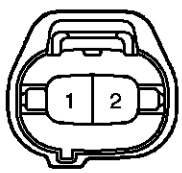
V3
BROWN



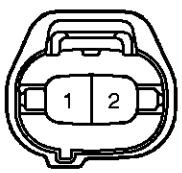
V4
BLACK



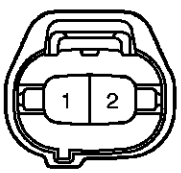
V5
BLUE



V6
BLUE

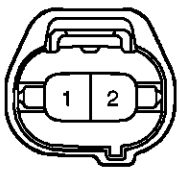


V7
BLUE

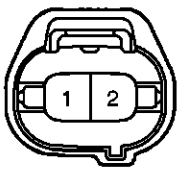


* 2 : 4A–FE General Stoichiometric Type
* 4 : 4A–FE Europe Stoichiometric Type
* 8 : 3S–FE, 4A–FE General Stoichiometric Type, Lean Burn Type, 1CD–FTV, 2C–TE

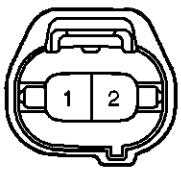
V8
BROWN



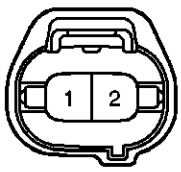
V9
BROWN



V10
(2C–TE) BROWN



V10
(2C–T) BLACK



W1
GRAY



W2
(* 8) DARK GRAY



W2
(* 4) BLACK



W2
(2C–T) GREEN



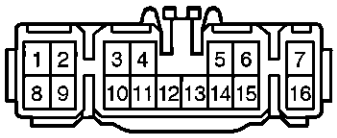
W3
(* 2) GRAY



W3
(Diesel)



W4



H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
A1	A/C Ambient Temp. Sensor	90980–11070
A2	A/C Condenser Fan Motor (Gasoline)	90980–11237
	A/C Condenser Fan Motor (Diesel)	90980–10928
A3	A/C Magnetic Clutch	90980–11271
A4	A/C Magnetic Clutch and Lock Sensor	90980–10942
A5	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	90980–10943
A6	ABS ECU with Actuator	90080–98102
A7	ABS Speed Sensor Front LH	90980–11155
A8	ABS Speed Sensor Front RH	
A9	Accelerator Pedal Position Sensor	90980–11016
A10	Alternator	90980–09212
A11	Alternator (1CD–FTV)	90980–11964
	Alternator (Except 1CD–FTV)	90980–11349
A12	Ambient Temp. Sensor	90080–98138
A13	A/C Amplifier	90980–10807
A14	A/C Amplifier	90980–11469
A15	A/C Amplifier	90980–11556
A16	A/C Evaporator Temp. Sensor	90980–10825
A17	A/C Room Temp. Sensor	
A18	A/C Solar Sensor	90980–11369
A19	A/C SW	90980–11280
A20	Accelerator Pedal Position Sensor (1CD–FTV,2C–TE (RHD))	90980–11232
	Accelerator Pedal Position Sensor (2C–TE (LHD))	
A21	Accelerator Position SW	90980–10825
A22	Air Mix Control Servo Motor	90980–11165
A23	Airbag Squib (Front Passenger Airbag Assembly)	90080–98054
A24	Airbag Squib (Steering Wheel Pad)	90980–10850
A25	Ashtray Illumination	–
A26	ABS Speed Sensor Rear LH	90980–11060
A27	ABS Speed Sensor Rear RH	
A28	Air Flow Meter	90980–11317
B1	Back–Up Light SW	90980–11250
B2	Brake Fluid Level Warning SW	90980–11156
B3	Brake Vacuum Warning SW	90980–11252
B4	Blower Controller	90980–11136
B5	Blower Motor	90980–10214
B6	Blower Resistor	90980–11136
B7	Blower SW	90980–11279
B8	Back Door Lock Motor	90080–98120
C1	Camshaft Position Sensor	90980–10947
C2	Check Connector	90980–11195

Code	Part Name	Part Number
C3	Crankshaft Position Sensor (3S–FE,2C–TE)	90980–10947
	Crankshaft Position Sensor (Lean Burn Type, 4A–FE Europe Stoichiometric Type)	
	Crankshaft Position Sensor (1CD–FTV)	90980–12028
C4	Center Airbag Sensor Assembly	90980–11871
C5	Center Airbag Sensor Assembly	90980–11872
C6	Center Airbag Sensor Assembly	90980–11873
C7	Cigarette Lighter	90080–98102
C8	Cigarette Lighter Illumination	90080–98112
C9	Circuit Opening Relay	82660–05020
C10	Combination Meter	90080–98111
C11	Combination Meter	90080–98109
C12	Combination SW	90980–11672
C13	Combination SW	90980–11594
C14	Combustion Type Power Heater	90980–10897
C15	Curtain Airbag Squib LH	90980–11864
C16	Curtain Airbag Squib RH	
D1	Daytime Running Light Relay	90980–10807
D2	Defogger Relay	82660–05020
D3	Deicer SW or Short Connector (Deicer SW)	90980–10996
D4	Diode (EFI)	90980–10962
D5	Diode (Idle–Up)	90980–11071
D6	Diode (Idle–Up)	90980–10962
D7	DLC3	90980–11665
D9	Diode (Luggage Room Light)	90980–10962
D10	Door Courtesy SW Front LH	90980–10871
D11	Door Courtesy SW Front RH	
D12	Door Courtesy SW Rear LH	
D13	Door Courtesy SW Rear RH	
D14	Door Lock Motor Rear LH	90980–11150
D15	Door Lock Motor Rear RH	
D16	Door Lock Motor, Door Key Lock and Unlock SW Front LH	90980–11144
D17	Door Lock Motor, Door Key Lock and Unlock SW Front RH	
D18	Diesel Throttle Control Motor	
D19	Diesel Throttle Position Sensor	90980–11038
D20	Diode (Door)	90980–10962
D21	Diode (Luggage Room Light)	
E1	ECT Solenoid	90980–11143
E2	Engine Hood Courtesy SW	90980–10474
E3	Engine Oil Level Sensor	90980–10532
E4	Engine Speed Sensor	90980–11250
E5	ECT Pattern Select SW (Europe)	90980–10933

Note : Not all of the above part numbers of the connector are established for the supply. In case of ordering a connector or terminal with wire, please confirm in advance if there is supply for it using "Parts Catalog News" (published by Parts Engineering Administration Dept.).

Nota : Toutes les références du connecteur ne sont pas définies pour la fourniture. Pour passer une commande d'un connecteur ou d'une borne avec fil, prière de vérifier préalablement si cette pièce est bien disponible en se reportant à "Parts Catalog News" (publié par le Département de la Gestion de l'Ingénierie).

Code	Part Name	Part Number
E5	ECT Pattern Select SW (General)	90980–10601
E6	Engine ECU (M/T) or Engine and ECT ECU (A/T) (3S–FE,Lean Burn Type)	90980–11392
	Engine ECU (M/T) or Engine and ECT ECU (A/T) (4A–FE General Stoichiometric Type)	90980–11424
	Engine ECU (1CD–FTV)	90980–11637
	Engine ECU (2C–TE)	90980–11408
	Engine ECU (2C–T)	90980–11391
E7	Engine ECU (M/T) or Engine and ECT ECU (A/T) (3S–FE,4A–FE General Stoichiometric Type,Lean Burn Type,2C–TE,2C–T)	90980–11390
	Engine ECU (4A–FE Europe Stoichiometric Type)	90080–98103
	Engine ECU (1CD–FTV)	90980–11421
E8	Engine ECU (M/T) or Engine and ECT ECU (A/T) (3S–FE,4A–FE General Stoichiometric Type,Lean Burn Type,2C–TE)	90980–11391
	Engine ECU (1CD–FTV)	90980–11476
E9	Engine ECU (1CD–FTV)	90980–11368
	Engine ECU (2C–TE)	90980–11392
E10	Electronic Driver Unit	90980–11024
E11	Electronic Driver Unit	90980–11592
F1	Front Airbag Sensor LH	90980–11856
F2	Front Airbag Sensor RH	
F3	Front Fog Light LH	90080–98001
F4	Front Fog Light RH	
F5	Front Side Turn Signal Light LH	90080–98138
F6	Front Side Turn Signal Light RH	
F7	Front Turn Signal Light LH	90080–98001
F8	Front Turn Signal Light RH	
F9	Front Washer Motor	90080–98117
F10	Front Window Deicer	90980–11155
F11	Front Wiper Motor	90980–11599
F12	Fuel Heater (1CD–FTV)	90980–10928
	Fuel Heater (2C–TE,2C–T)	90980–11409
F13	Fuel Sedimentary SW (1CD–FTV)	90980–11003
	Fuel Sedimentary SW (2C–TE,2C–T)	90980–11254
F14	Fuel Temp. Sensor	90980–10737
F15	Fusible Link Block	82620–05020
F16	Fusible Link Block	
F17	Fusible Link Block	90980–10903
F18	Fusible Link Block	82620–05020
F19	Fusible Link Block	82620–05020
F20	Fusible Link Block	
F21	Front Fog Light Relay	

Code	Part Name	Part Number
F22	Fuel Control Connector	90980–10871
F23	Fuel Control Connector	90980–10870
F24	Fuse Box	82620–05020
F25	Front Door Speaker LH	90980–11156
F26	Front Door Speaker RH	
F27	Fuel Sender and Fuel Pump	90980–11077
F28	Fuel Pressure Sensor	90980–10845
F29	Fuel Pump	90980–98001
G1	Glow Plug (Engine)	99141–13005
G2	Glow Plug Relay	90980–11569
G3	Glove Box Light	–
G4	Glove Box Light SW	90980–11098
G5	Glass Breakage Sensor ECU	–
G6	Glass Breakage Sensor Microphone	90980–11368
G7	Glow Plug (Power Heater)	99141–13006
G8	Glow Plug (Power Heater)	
G9	Glow Plug (Power Heater)	
H1	Hall Sensor	90080–98027
H2	Headlight and Front Clearance Light LH	90080–98140
H3	Headlight and Front Clearance Light RH	
H4	Headlight Beam Level Control Actuator LH	90980–11349
H5	Headlight Beam Level Control Actuator RH	
H6	Headlight Cleaner Motor	90080–98116
H7	Headlight Cleaner Relay	90980–10939
H8	Heated Oxygen Sensor	90980–11028
H9	Horn LH	90980–10619
H10	Horn RH	
H11	Hazard SW	90980–10801
H12	Headlight Beam Level Control SW	90980–10789
H13	Headlight Cleaner SW	90980–10601
H14	Heater Control SW	90980–10799
H15	High Mounted Stop Light	90080–98002
H16	Heater SW	90980–10996
I1	Ignition Coil	90080–98001
I2	Ignition Coil and Igniter No.1	90980–11150
I3	Ignition Coil and Igniter No.2	
I4	IIA	90980–11038
I5	IIA	90980–11197
I6	Injection Pump (2C–TE)	90980–11028
I6	Injection Pump (2C–T)	90980–11157

Nota : No todos los números de las partes del conector indicados arriba están dispuestos para el suministro. Al pedir un conector o terminal con cable, asegúrese, de antemano, de que esté suministrado refiriéndose a "Parts Catalog News" (publicado por el Departamento Administrativo de Ingeniería de las Partes).

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H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
I7	Injector No.1 (3S–FE,4A–FE Europe Stoichiometric Type)	90980–11153
	Injector No.1 (Lean Burn Type)	90080–98176
	Injector No.1 (4A–FE General Stoichiometric Type)	90980–11153
	Injector No.1 (1CD–FTV)	90980–12005
I8	Injector No.2 (3S–FE,4A–FE Europe Stoichiometric Type)	90980–11153
	Injector No.2 (Lean Burn Type)	90080–98176
	Injector No.2 (4A–FE General Stoichiometrc Type)	90980–11153
	Injector No.2 (1CD–FTV)	90980–12005
I9	Injector No.3 (3S–FE,4A–FE Europe Stoichiometric Type)	90980–11153
	Injector No.3 (Lean Burn Type)	90080–98176
	Injector No.3 (4A–FE General Stoichiometrc Type)	90980–11153
	Injector No.3 (1CD–FTV)	90980–12005
I10	Injector No.4 (3S–FE,4A–FE Europe Stoichiometric Type)	90980–11153
	Injector No.4 (Lean Burn Type)	90080–98176
	Injector No.4 (4A–FE General Stoichiometrc Type)	90980–11153
	Injector No.4 (1CD–FTV)	90980–12005
I11	Intake Air Temp. Sensor (1CD–FTV,2C–TE)	90980–11025
	Intake Air Temp. Sensor (Gasoline)	90980–11163
I12	ISC Valve	90980–11145
I13	Ignition SW	90980–11615
I14	Integration Relay	90980–10848
I15	Interior Light	90980–10121
J1	Junction Connector	90980–11583
J2	Junction Connector	90980–11542
J3	Junction Connector	
J4	Junction Connector	
J5	Junction Connector	90980–10803
J6	Junction Connector	
J7	Junction Connector	90980–11661
J8	Junction Connector	
J9	Junction Connector	90980–11583
J10	Junction Connector	90980–11661
J11	Junction Connector	
J12	Junction Connector	

Code	Part Name	Part Number
J13	Junction Connector	90980–11661
J14	Junction Connector	
J15	Junction Connector	
J16	Junction Connector	
J17	Junction Connector	
J18	Junction Connector	
J19	Junction Connector	
J20	Junction Connector	90980–11583
J21	Junction Connector	90980–11661
J22	Junction Connector	
J23	Junction Connector	90980–11542
J24	Junction Connector	
J25	Junction Connector	90980–10803
J26	Junction Connector	
J27	Junction Connector	90980–11583
J28	Junction Connector	90980–11661
J29	Junction Connector	
J30	Junction Connector	
J31	Junction Connector	
J32	Junction Connector	
J33	Junction Connector	
J34	Junction Connector	
J35	Junction Connector	
J36	Junction Connector	
J37	Junction Connector	
K1	Knock Sensor (Except 4A–FE Europe Stoichiometric Type)	90980–11166
	Knock Sensor (4A–FE Europe Stoichiometric Type)	90080–98001
K2	Kick Down SW	90980–11156
L1	Lean Mixture Sensor	90980–11028
L2	License Plate Light LH	90080–98138
L3	License Plate Light RH	
L4	Luggage Compartment Door Lock Motor	90080–98120
L5	Luggage Room Light (S/D)	90980–11148
	Luggage Room Light (L/B)	90980–10121
	Luggage Room Light (W/G)	90980–10935
L6	Luggage Room Light SW (S/D,L/B)	90980–11097
	Luggage Room Light SW (W/G)	90980–10860
M1	Moon Roof Control Relay and Motor	90080–98107

Note : Not all of the above part numbers of the connector are established for the supply. In case of ordering a connector or terminal with wire, please confirm in advance if there is supply for it using "Parts Catalog News" (published by Parts Engineering Administration Dept.).

Nota : Toutes les références du connecteur ne sont pas définies pour la fourniture. Pour passer une commande d'un connecteur ou d'une borne avec fil, prière de vérifier préalablement si cette pièce est bien disponible en se reportant à "Parts Catalog News" (publié par le Département de la Gestion de l'Ingénierie).

Code	Part Name	Part Number
M2	Moon Roof Control SW	90980–10367
M3	Max Hot SW	90980–10860
N1	Neutral Start SW (3S–FE)	90980–11643
	Neutral Start SW (7A–FE,4A–FE)	90980–11332
N2	Noise Filter (Ignition System)	90980–10825
O1	Oil Pressure SW (7A–FE,4A–FE)	90980–11363
	Oil Pressure SW (Except 7A–FE and 4A–FE)	
O2	O/D Main SW	90980–10795
P1	Power Steering Oil Pressure SW	90980–11428
P2	Parking Brake SW	90980–10871
P3	Personal Light	90980–11148
P4	Power Window Control SW (Front Passenger Side)	90980–10509
P5	Power Window Control SW Rear LH	
P6	Power Window Control SW Rear RH	
P7	Power Window Master SW	90980–10807
P8	Power Window Motor (Driver Side)	90080–98135
P9	Power Window Motor (Front Passenger Side)	90080–98128
P10	Power Window Motor Rear LH	
P11	Power Window Motor Rear RH	
P12	Pretensioner LH	90980–11886
P13	Pretensioner RH	
R1	Radiator Fan Motor	90980–10928
R2	Rear Washer Motor	90080–98117
R3	Radar Sensor	90980–11013
R4	Radio and Player	90980–10997
R5	Radio and Player	90980–10996
R6	Rear Window Defogger SW	90980–10797
R7	Remote Control Mirror SW	90980–11165
R8	Rear Combination Light LH (S/D,L/B)	90080–98175
	Rear Combination Light LH (W/G)	90080–98143
R9	Rear Combination Light LH	
R10	Rear Combination Light RH (S/D,L/B)	90080–98175
	Rear Combination Light RH (W/G)	90080–98143
R11	Rear Combination Light RH	
R12	Rear Door Speaker LH	90980–11156
R13	Rear Door Speaker RH	
R14	Rear Window Defogger (S/D)	90980–10786
	Rear Window Defogger (L/B)	90980–10792
	Rear Window Defogger (W/G)	90980–11258
R15	Rear Window Defogger (S/D)	90980–10786
	Rear Window Defogger (L/B)	90980–10792
	Rear Window Defogger (W/G)	90980–11258
R16	Rear Wiper Motor and Relay	90080–98136
R17	Remote Control Mirror LH (w/ Mirror Heater)	90980–11181
	Remote Control Mirror LH (w/o Mirror Heater)	90980–11169
R18	Remote Control Mirror RH (w/ Mirror Heater)	90980–11181
	Remote Control Mirror RH (w/o Mirror Heater)	90980–11169
S1	Short Connector	90980–10959
S2	Short Connector	90980–10947
S3	Speed Sensor	90980–11143
S4	Spill Control Valve	90980–11286
S5	Starter (3S–FE)	90980–09506
	Starter (Except 3S–FE)	90980–09507
S6	Starter	90980–11400
S7	Seat Heater Relay	82660–05020
S8	Seat Heater SW (Driver's Seat)	90980–10797
S9	Seat Heater SW (Front Passenger's Seat)	
S10	Status Monitor	90980–11098
S11	Stop Light SW	90980–11118
S12	Seat Heater (Driver's Seat)	90980–10860
S13	Seat Heater (Front Passenger's Seat)	
S14	Side Airbag Sensor LH	90980–11857
S15	Side Airbag Sensor RH	
S16	Side Airbag Squib LH	90980–11864
S17	Side Airbag Squib RH	
S18	Suction Control Valve 1	90980–11285
S19	Suction Control Valve 2	90980–11284
T1	Theft Deterrent Siren	90980–10988
T2	Throttle Position Sensor (4A–FE Europe Stoichiometric Type)	90080–98028
	Throttle Position Sensor (Except 4A–FE Europe Stoichiometric Type)	90980–11261
T3	Timing Control Valve	90980–11153
T4	Turbo Pressure Sensor	90980–10845
T5	Theft Deterrent ECU	90980–11423
T6	Transponder Key ECU	90980–11581
U1	Unlock Warning SW	90980–10860
V1	Vacuum Sensor	90980–10845

Nota : No todos los números de las partes del conector indicados arriba están dispuestos para el suministro. Al pedir un conector o terminal con cable, asegúrese, de antemano, de que esté suministrado refiriéndose a "Parts Catalog News" (publicado por el Departamento Administrativo de Ingeniería de las Partes).

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H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number
V2	Variable Resistor	90980–10902
V3	VRV (EGR)	90980–11162
V4	VSV (BACS)	90980–11156
V5	VSV (EGR)	
V6	VSV (Fully Closed)	90980–11156
V7	VSV (Idle Opening)	
V8	VSV (Idle–Up)	90980–11149
V9	VSV (Swirl Control)	
V10	VSV (Turbo Pressure Sensor) (2C–TE)	
	VSV (Turbo Pressure Sensor) (2C–T)	
W1	Water Temp. Sender	90980–10359
W2	Water Temp. Sensor (3S–FE, 4A–FE General Stoichiometric Type,Lean Burn Type,1CD–FTV,2C–TE)	90980–10737
W2	Water Temp. Sensor (4A–FE Europe Stoichiometric Type)	90080–98001
	Water Temp. Sensor (2C–T)	90980–10737
W3	Water Temp. SW (4A–FE General Stoichiometric Type)	90980–11243
	Water Temp. SW (Diesel)	90980–11235
W4	Wireless Door Lock ECU	90980–10848

Code	Part Name	Part Number

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Code	Part Name	Part Number	Code	Part Name	Part Number

SYSTEM INDEX

SYSTEMS	LOCATION
ABS	22–2
Air Conditioner	36–2
Automatic Air Conditioner	35–2
Back–Up Light	16–2
Charging	1–4
Cigarette Lighter	29–4
Combination Meter	34–2
Door Lock Control	24–3
ECT (3S–FE)	19–2
ECT (4A–FE General Stoichiometric Type)	21–2
ECT (7A–FE)	20–2
Engine Control (1CD–FTV)	7–2
Engine Control (2C–T)	9–2
Engine Control (2C–TE)	8–2
Engine Control (3S–FE)	3–2
Engine Control (4A–FE Europe Stoichiometric Type)	5–2
Engine Control (4A–FE General Stoichiometric Type)	6–2
Engine Control (7A–FE, 4A–FE Lean Burn Type)	4–2
Front Fog Light	12–2
Front Window Deicer, Rear Window Defogger and Mirror Heater (LHD)	31–2
Front Wiper and Washer	28–2
Fuel Heater (Diesel)	1–3
Headlight (w/ Daytime Running Light)	10–2
Headlight (w/o Daytime Running Light)	11–2
Headlight Beam Level Control	11–3
Headlight Cleaner (LHD)	28–4
Horn	33–2

SYSTEMS	LOCATION
Ignition	2–2
Illumination	18–2
Interior Light	17–2
Light Reminder Buzzer	27–4
Moon Roof	30–2
Power Heater (Combustion Type)	36–5
Power Heater (Electrical Type)	7–11
Power Source	1~36–1
Power Window	25–2
Radiator Fan and Condenser Fan	35–6
Radio and Player	33–3
Rear Fog Light	12–3
Rear Window Defogger and Mirror Heater (RHD)	32–2
Rear Wiper and Washer	29–2
Remote Control Mirror	30–3
Seat Heater (LHD)	27–2
SRS	23–2
Starting	1–2
Stop Light	15–2
Taillight	16–5
Theft Deterrent (RHD)	26–2
Turn Signal and Hazard Warning Light (LHD)	13–2
Turn Signal and Hazard Warning Light (RHD)	14–2
Wireless Door Lock Control	24–2

INDEX DE SYSTEME

SYSTEMES	EMPLACEMENT
ABS	22–2
Air conditionné	36–2
Air conditionné automatique	35–2
Allumage	2–2
Allume–cigare	29–4
Autoradio et lecteur de cassettes	33–3
Avertisseur	33–2
Avertisseur sonore de rappel de dispositifs d'éclairage allumés	27–4
Chaffage forcé (type combustion)	36–5
Chaffage forcé (type électrique)	7–11
Charge	1–4
Chauffage de siège (conduite à gauche)	27–2
Combiné de bord	34–2
Commande de condamnation de porte	24–3
Commande de condamnation de porte à commande radio	24–2
Commande de moteur (1CD–FTV)	7–2
Commande de moteur (2C–T)	9–2
Commande de moteur (2C–TE)	8–2
Commande de moteur (3S–FE)	3–2
Commande de moteur (7A–FE, 4A–FE a system de combustion de melange pauvre)	4–2
Commande de moteur (type stoechiométrique, 4A–FE Europe)	5–2
Commande de moteur (type stoechiométrique, 4A–FE toutes zones confondues)	6–2
Commande de réglage d'orientation de faisceau de projecteur	11–3
Dissuasion contre le vol (conduite à droite)	26–2
Dégivreur de glace de pare–brise, désembueur de lunette arrière et résistance électrique de chauffage de rétroviseur (conduite à gauche)	31–2
Démarrage	1–2
Désembueur de glace de lunette arrière et résistance électrique de chauffage de rétroviseur (conduite à droite)	32–2

SYSTEMES	EMPLACEMENT
Eclairage	18–2
ECT (3S–FE)	19–2
ECT (7A–FE)	20–2
ECT (type stoechiométrique, 4A–FE toutes zones confondues)	21–2
Essuie–glace et lave–glace de lunette arrière	29–2
Essuie–glace et lave–glace de pare–brise	28–2
Feux de position arrière	16–5
Feux de recul	16–2
Feux stop	15–2
Lave–projecteur avant (conduite à gauche)	28–4
Lève–glace électrique	25–2
Plafonnier	17–2
Projecteur antibrouillard arrière	12–3
Projecteur antibrouillard avant	12–2
Projecteur avant (avec un système d'éclairage de conduite de jour)	10–2
Projecteur avant (sans système d'éclairage de conduite de jour)	11–2
Réchauffeur de combustible (moteur diesel)	1–3
Rétroviseur à commande électrique	30–3
Source d'alimentation	1~36–1
SRS	23–2
Toit ouvrant	30–2
Ventilateur de radiateur et ventilateur de condenseur	35–6
Voyant de rappel de feu de changement de direction et de feux de détresse (conduite à droite)	14–2
Voyant de rappel de feu de changement de direction et de feux de détresse (conduite à gauche)	13–2

INDICE DE SISTEMA

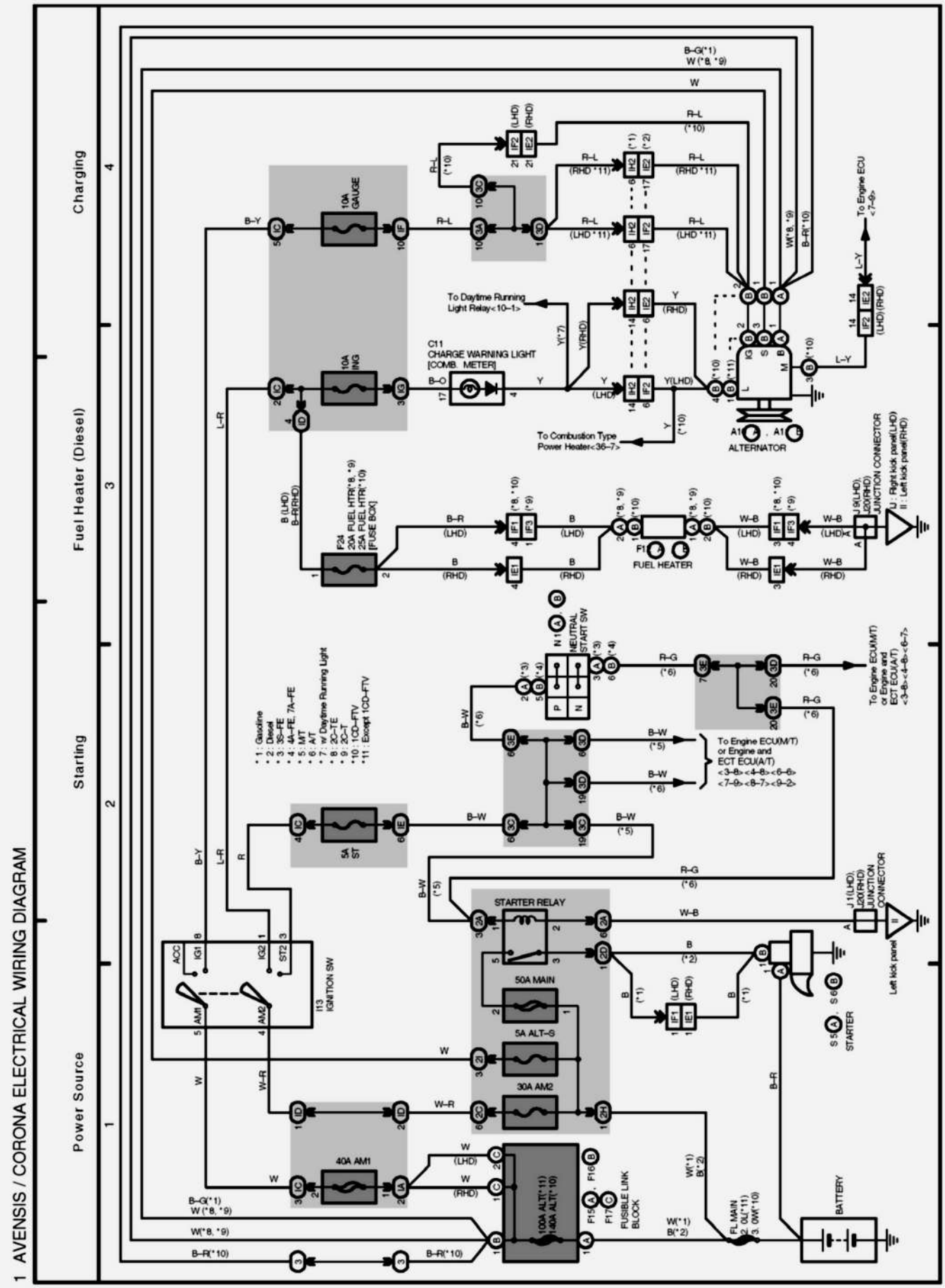
SISTEMA	COLOCACIÓN
ABS	22–2
Acondicionador de aire	36–2
Acondicionador de aire automático	35–2
Alimentación	1~36–1
Arranque	1–2
Bocina	33–2
Calefactor de combustible (diesel)	1–3
Calefactor de potencia (tipo de combustión)	36–5
Calefactor de potencia (tipo eléctrico)	7–11
Calefactor del asiento (dirección a la izquierda)	27–2
Carga	1–4
Control de bloqueo de la puerta	24–3
Control de bloqueo de la puerta inalámbrico	24–2
Control del motor (1CD–FTV)	7–2
Control del motor (2C–T)	9–2
Control del motor (2C–TE)	8–2
Control del motor (3S–FE)	3–2
Control del motor (7A–FE, 4A–FE tipo combustion pobre)	4–2
Control del motor (tipo estequiométrico 4A–FE para Europa)	5–2
Control del motor (tipo estequiométrico 4A–FE para general)	6–2
Control del nivel del haz del faro	11–3
Desempañador de la ventanilla trasera y calefactor del retrovisor (dirección a la derecha)	32–2
Deshelador de la ventanilla delantera, desempañador de la ventanilla trasera y calefactor del retrovisor (dirección a la izquierda)	31–2
ECT (3S–FE)	19–2
ECT (7A–FE)	20–2
ECT (tipo estequiométrico 4A–FE para general)	21–2
Encendedor de cigarrillos	29–4
Encendido	2–2
Espejo retrovisor de control remoto	30–3
Faro (con luz de marcha diurna)	10–2
Faro (sin luz de marcha diurna)	11–2
Iluminación	18–2
Limpiador del faro (dirección a la izquierda)	28–4
Limpiador y lavador del parabrisas	28–2
Limpiador y lavador traseros	29–2
Luz antiniebla frontal	12–2
Luz antiniebla trasera	12–3
Luz de cola	16–5
Luz de marcha atrás	16–2
Luz de parada	15–2
Luz interior	17–2
Medidor de combinación	34–2
Radio y reproductor	33–3
Señal de giro y luz de advertencia de peligro (dirección a la derecha)	14–2
Señal de giro y luz de advertencia de peligro (dirección a la izquierda)	13–2
Sistema antirrobo (dirección a la derecha)	26–2
SRS	23–2
Techo lunar	30–2
Ventanilla automática	25–2
Ventilador del radiador y ventilador del condensador	35–6
Zumbador recordatorio de las luces	27–4

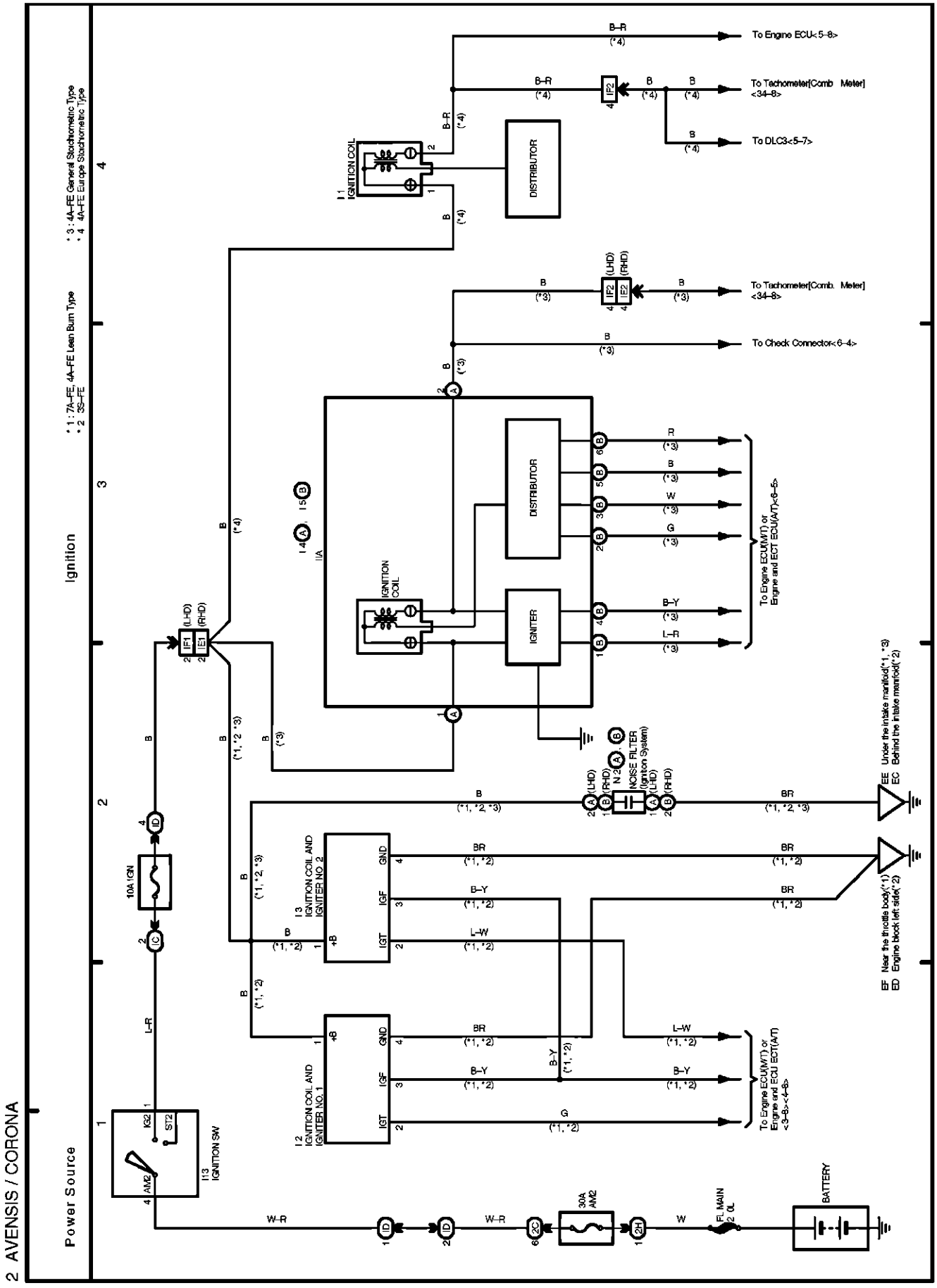
SYSTEMINDEX

SYSTEM	EINBAUSTELLE
ABS	22–2
Anlassen	1–2
automatische Klimaanlage	35–2
Beleuchtung	18–2
Beleuchtungswarnsummer	27–4
Blink– und Warnblinkleuchten (Linkslenker)	13–2
Blink– und Warnblinkleuchten (Rechtslenker)	14–2
Bremsleuchte	15–2
Diebstahlschutz (Rechtslenker)	26–2
ECT (3S–FE)	19–2
ECT (4A–FE Allgemeines Stöchiometriegemisch)	21–2
ECT (7A–FE)	20–2
elektrisch einstellbarer Außenspiegel	30–3
Fensterheber	25–2
Heckscheiben– und Außenspiegelheizung (Rechtslenker)	32–2
Heckscheibenwischer und –wascher	29–2
Hupe	33–2
Innenleuchte	17–2
Klimaanlage	36–2
Kombiinstrument	34–2
Kraftstoffheizung (Dieselmotor)	1–3
Lüfter und Kondensatorlüfter	35–6
Ladesystem	1–4
Leistungsheizung (Verbrennungstyp)	36–5
Leisutngsheizung (elektrischer Typ)	7–11
Leuchtweitenstellung	11–3
Monddach	30–2

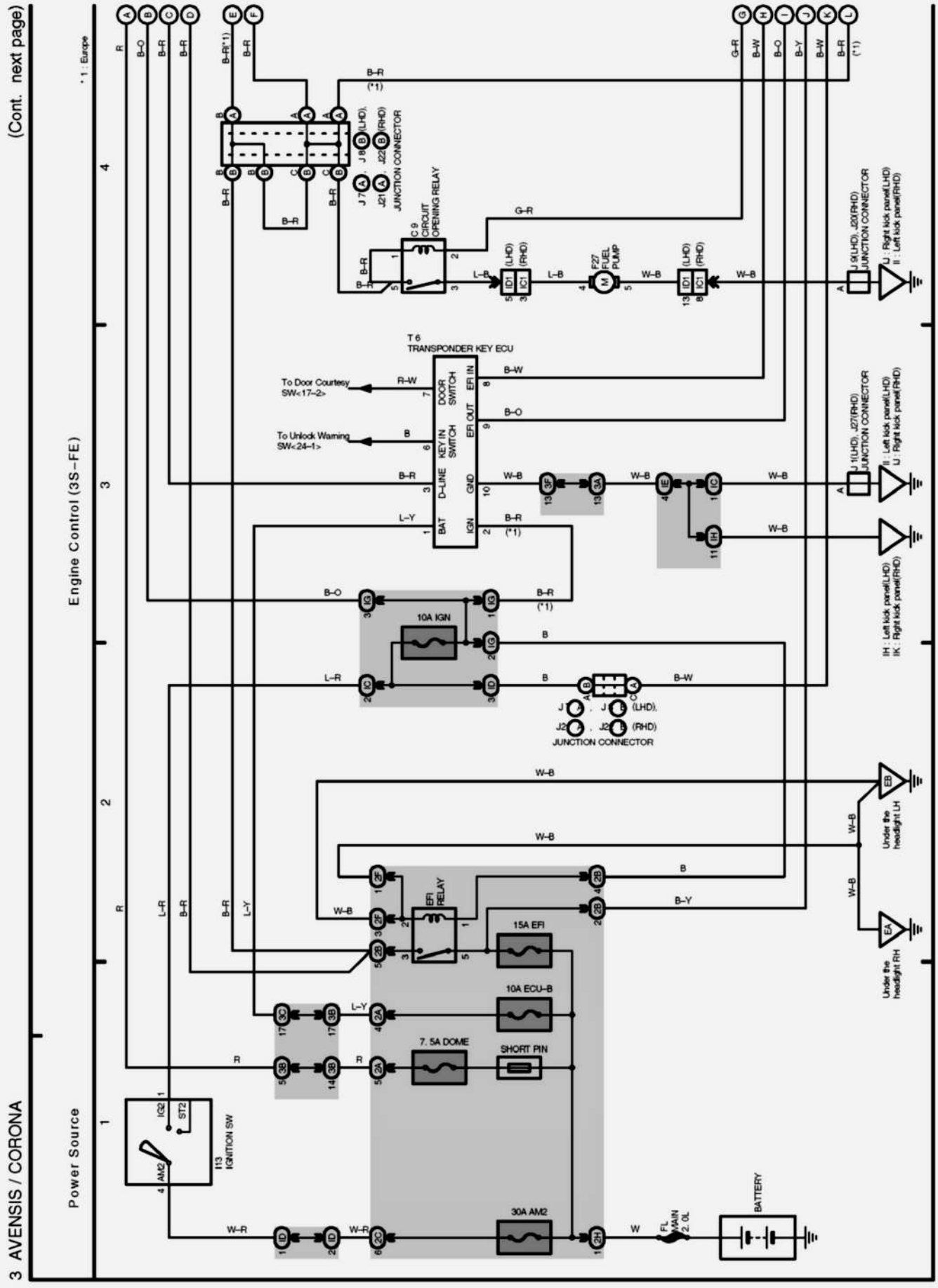
SYSTEM	EINBAUSTELLE
Motorsteuerung (1CD–FTV)	7–2
Motorsteuerung (2C–T)	9–2
Motorsteuerung (2C–TE)	8–2
Motorsteuerung (3S–FE)	3–2
Motorsteuerung (4A–FE Allgemeines Stöchiometriegemisch)	6–2
Motorsteuerung (4A–FE Europa–Stöchiometriegemisch)	5–2
Motorsteuerung (7A–FE, 4A–FE Magergemisch)	4–2
Nebelscheinwerfer	12–2
Nebelschlußleuchte	12–3
Rückfahrscheinwerfer	16–2
Radio und Cassettenspieler	33–3
Scheibenwischer und –wascher	28–2
Scheinwerfer (mit Tagesfahrleuchte)	10–2
Scheinwerfer (ohne Tagesfahrleuchte)	11–2
Scheinwerferwascher (Linkslenker)	28–4
Schlußleuchte	16–5
Sitzheizung (Linkslenker)	27–2
SRS	23–2
Stromquelle	1~36–1
Türverriegelung	24–3
Türverriegelungsfernbedienung	24–2
Windschutzscheibenenteiser und Heckscheiben– und Außenspiegelheizung (Linkslenker)	31–2
Zündung	2–2
Zigarettenanzünder	29–4

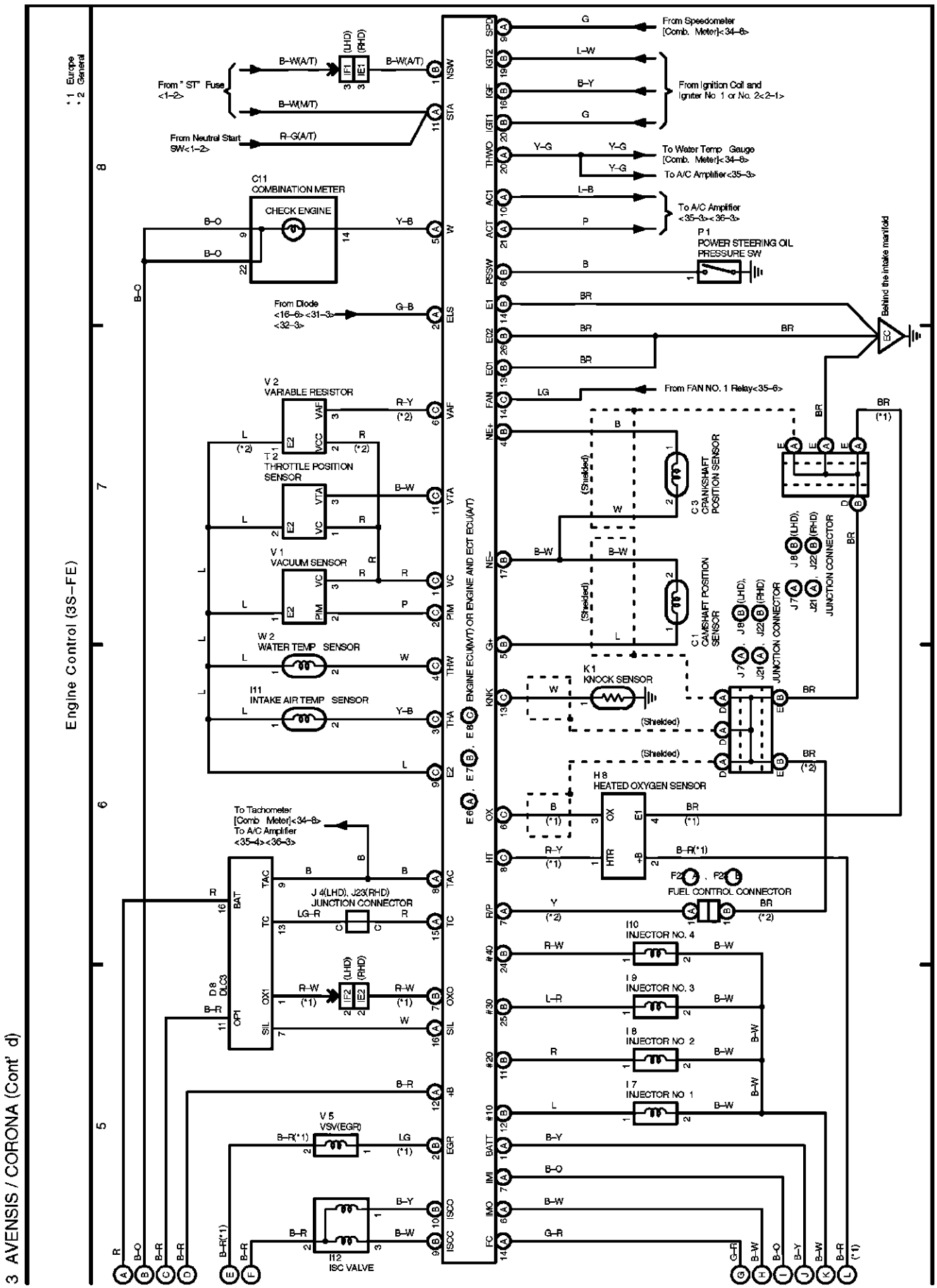
I OVERALL ELECTRICAL WIRING DIAGRAM



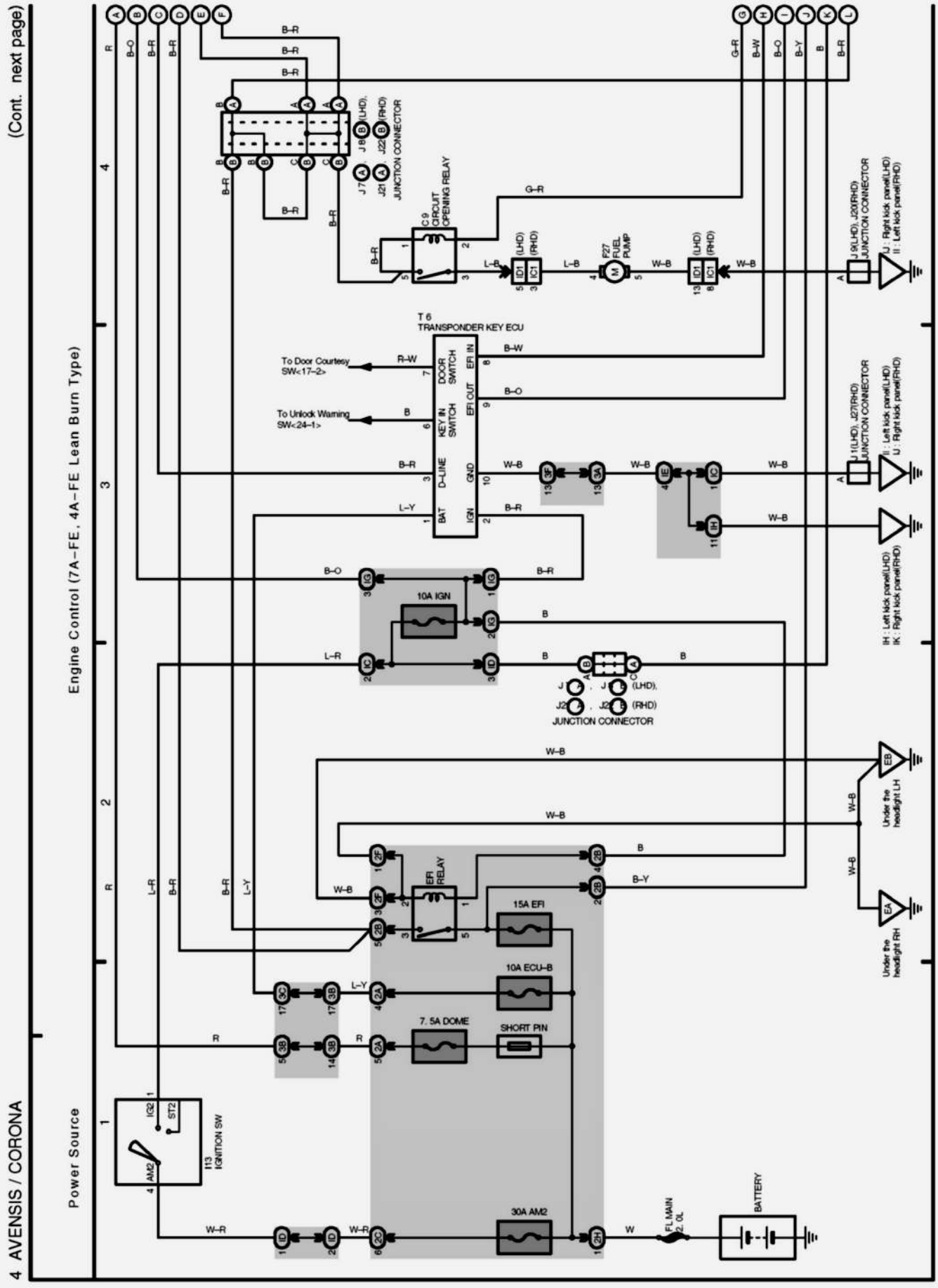

2 AVENSIS / CORONA
Power Source
Ignition
* 1 : 7A–FE, 4A–FE Lean Burn Type
* 2 : 3S–FE
* 3 : 4A–FE General Stoichometric Type
* 4 : 4A–FE Europe Stoichometric Type
To Engine ECU<5–8>
To Tachometer[Comb Meter]<34–8>
To DLC3<5–7>
To Tachometer[Comb. Meter]<34–8>
To Check Connector<6–4>
To Engine ECU(M/T) or Engine and ECT ECU(A/T)<6–5>
To Engine ECU(M/T) or Engine and ECU ECT(A/T)<3–8>,<4–8>
DISTRIBUTOR
IGNITION COIL
IGNITER
NOISE FILTER (Ignition System)
IGNITION COIL AND IGNITER NO.1
IGNITION COIL AND IGNITER NO.2
IGNITION SW
10A IGN
30A AM2
FL MAIN 2 OL
BATTERY
EE Under the intake manifold(*1, *3)
EC Behind the intake manifold(*2)
EF Near the throttle body(*1)
ED Engine block left side(*2)

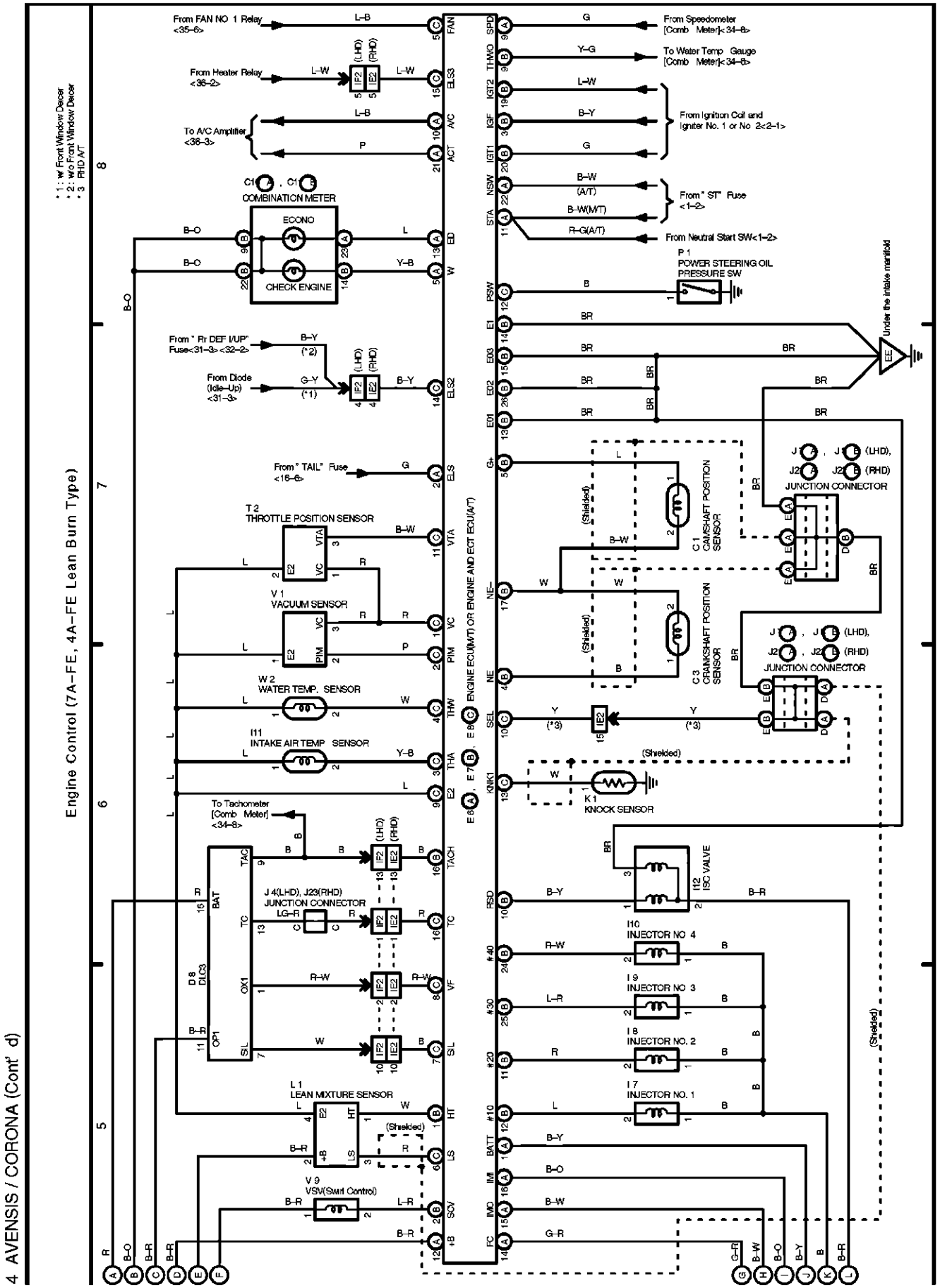
I OVERALL ELECTRICAL WIRING DIAGRAM



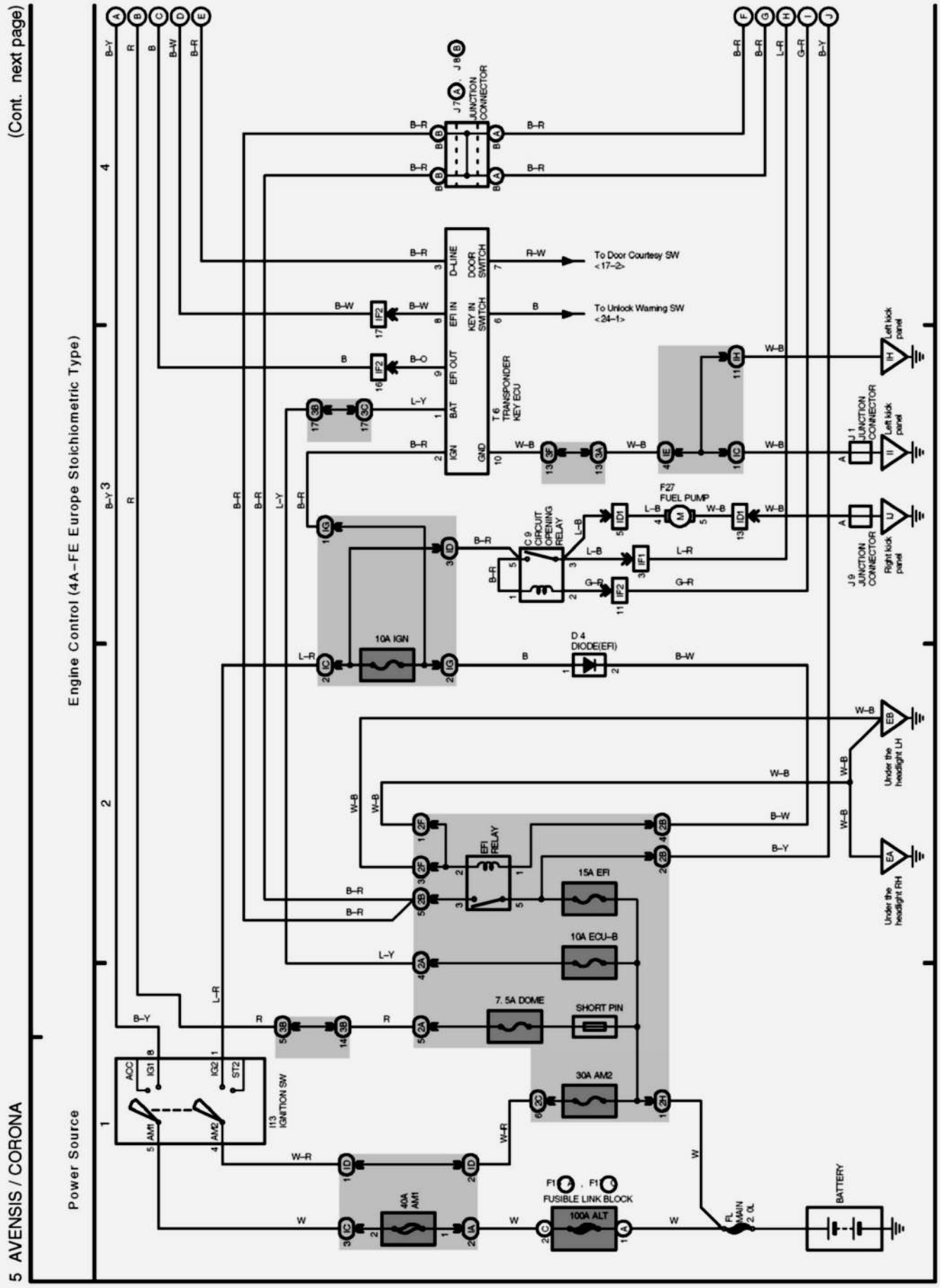

3 AVENSIS / CORONA (Cont' d)
Engine Control (3S–FE)
*1 Europe
*2 General
From " ST" Fuse <1–2>
From Neutral Start SW<1–2>
From Speedometer [Comb. Meter]<34–8>
From Ignition Coil and Igniter No. 1 or No. 2<2–1>
To Water Temp Gauge [Comb. Meter]<34–8>
To A/C Amplifier<35–3>
To A/C Amplifier <35–3><36–3>
C11 COMBINATION METER
CHECK ENGINE
P1 POWER STEERING OIL PRESSURE SW
Behind the intake manifold
From Diode <16–6><31–3><32–3>
From FAN NO. 1 Relay<35–6>
V2 VARIABLE RESISTOR
T2 THROTTLE POSITION SENSOR
V1 VACUUM SENSOR
W2 WATER TEMP SENSOR
I11 INTAKE AIR TEMP SENSOR
ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
C3 CRANKSHAFT POSITION SENSOR
C1 CAMSHAFT POSITION SENSOR
K1 KNOCK SENSOR
H8 HEATED OXYGEN SENSOR
J4(LHD), J23(RHD) JUNCTION CONNECTOR
J7, J8, J9, J21, J22 JUNCTION CONNECTOR
FUEL CONTROL CONNECTOR
To Tachometer [Comb Meter]<34–8>
To A/C Amplifier <35–4><36–3>
D8 DLC3
I10 INJECTOR NO. 4
I9 INJECTOR NO. 3
I8 INJECTOR NO 2
I7 INJECTOR NO 1
V5 VSV(EGR)
I12 ISC VALVE

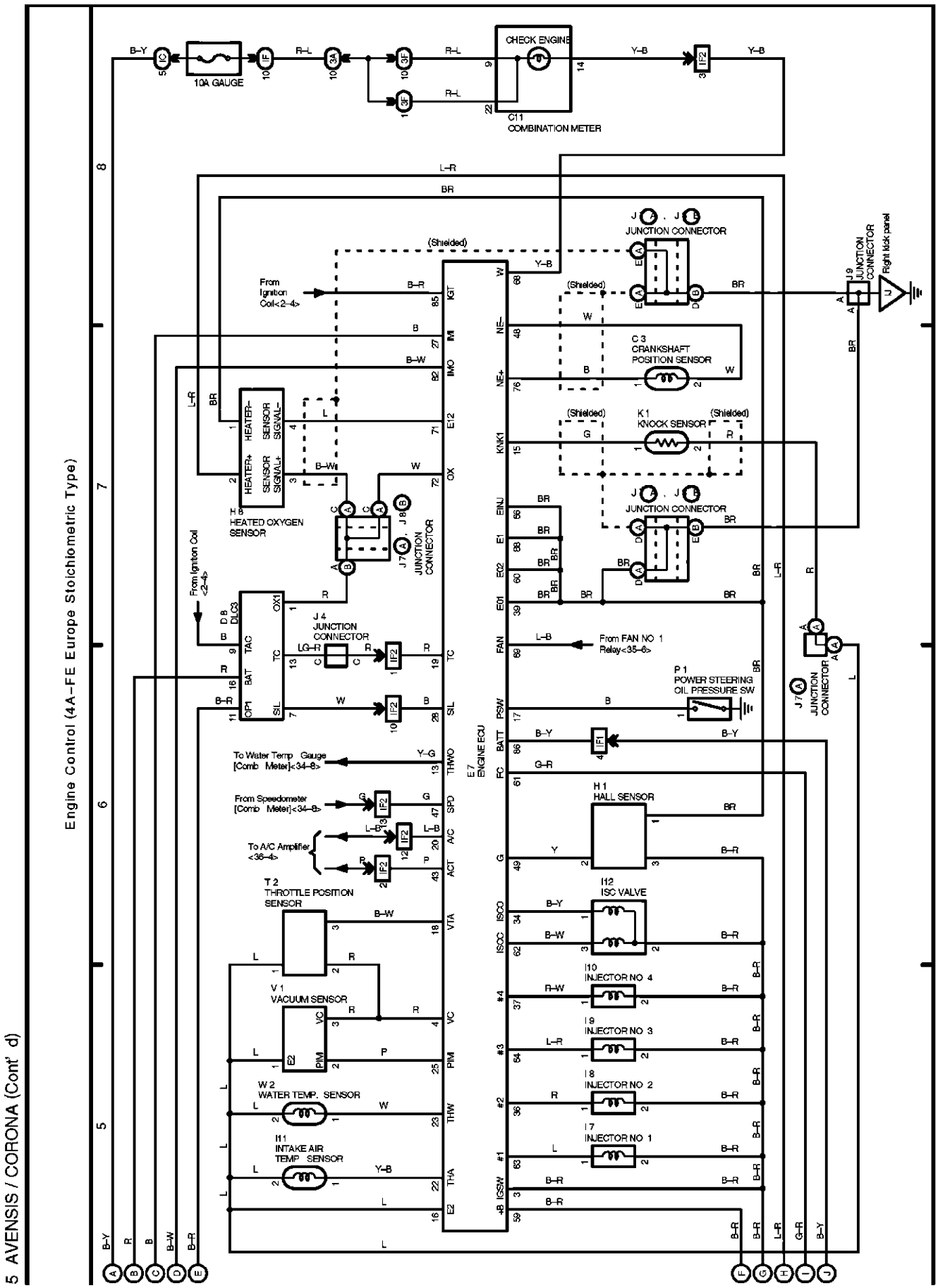
I OVERALL ELECTRICAL WIRING DIAGRAM



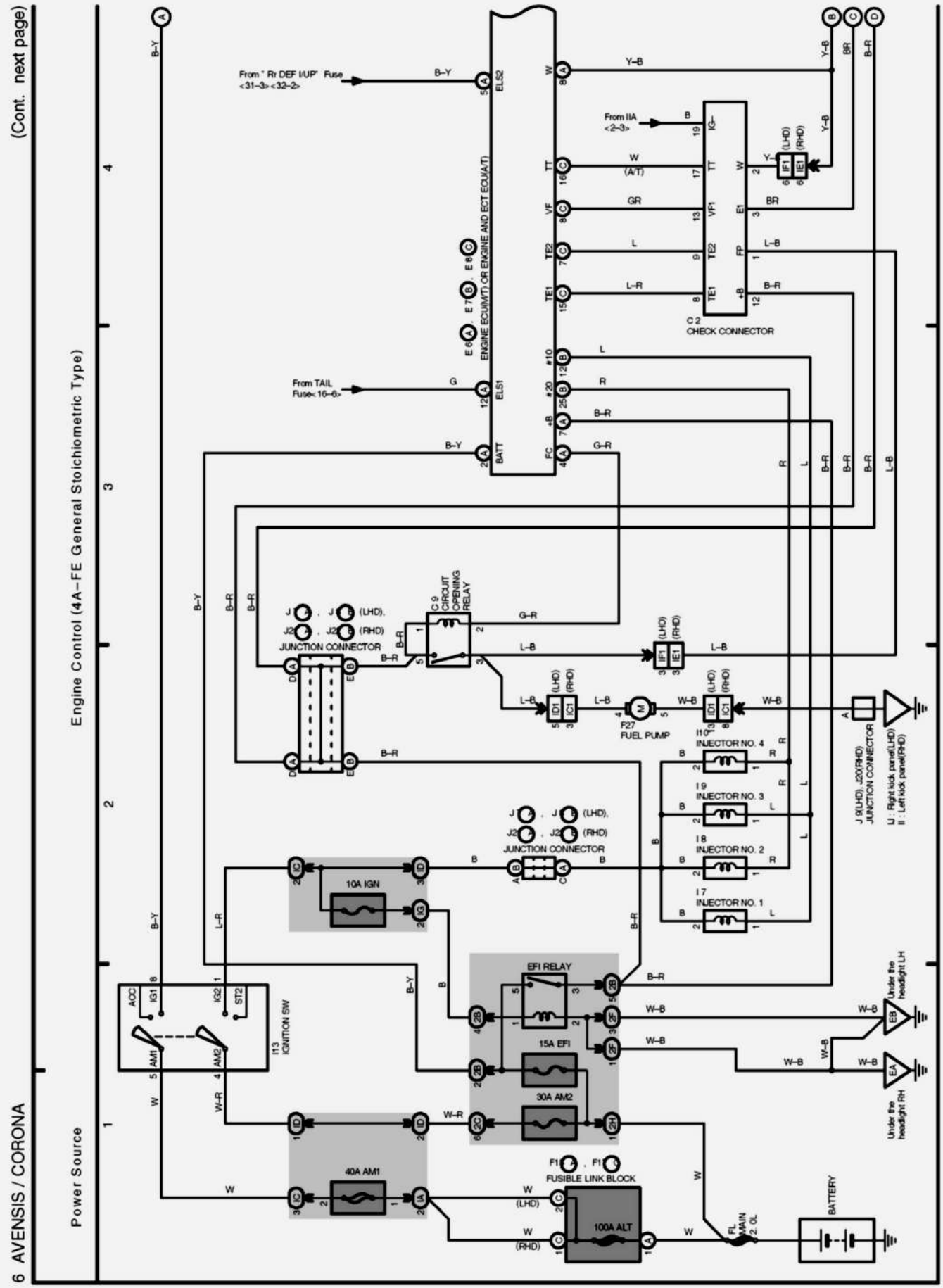

4 AVENSIS / CORONA (Cont' d)
Engine Control (7A-FE, 4A-FE Lean Burn Type)
* 1 : w/ Front Window Decer
* 2 : w/o Front Window Decer
* 3 : RHD A/T
From FAN NO. 1 Relay <35-6>
From Heater Relay <36-2>
To A/C Amplifier <36-3>
COMBINATION METER
ECONO
CHECK ENGINE
From " Rr DEF I/UP" Fuse<31-3><32-2>
From Diode (Idle-Up) <31-3>
From " TAIL" Fuse <15-6>
T 2 THROTTLE POSITION SENSOR
V 1 VACUUM SENSOR
W 2 WATER TEMP. SENSOR
I11 INTAKE AIR TEMP. SENSOR
To Tachometer [Comb Meter] <34-8>
J 4(LHD), J23(RHD) JUNCTION CONNECTOR
D 8 DLC3
L 1 LEAN MIXTURE SENSOR
V 9 VSV(Swirl Control)
ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
From Speedometer [Comb Meter]<34-8>
To Water Temp. Gauge [Comb Meter]<34-8>
From Ignition Coil and Igniter No. 1 or No. 2<2-1>
From " ST" Fuse <1-2>
From Neutral Start SW<1-2>
P 1 POWER STEERING OIL PRESSURE SW
Under the intake manifold
C 1 CAMSHAFT POSITION SENSOR
C 3 CRANKSHAFT POSITION SENSOR
JUNCTION CONNECTOR
K 1 KNOCK SENSOR
I12 ISC VALVE
I10 INJECTOR NO. 4
I 9 INJECTOR NO. 3
I 8 INJECTOR NO. 2
I 7 INJECTOR NO. 1
(Shielded)

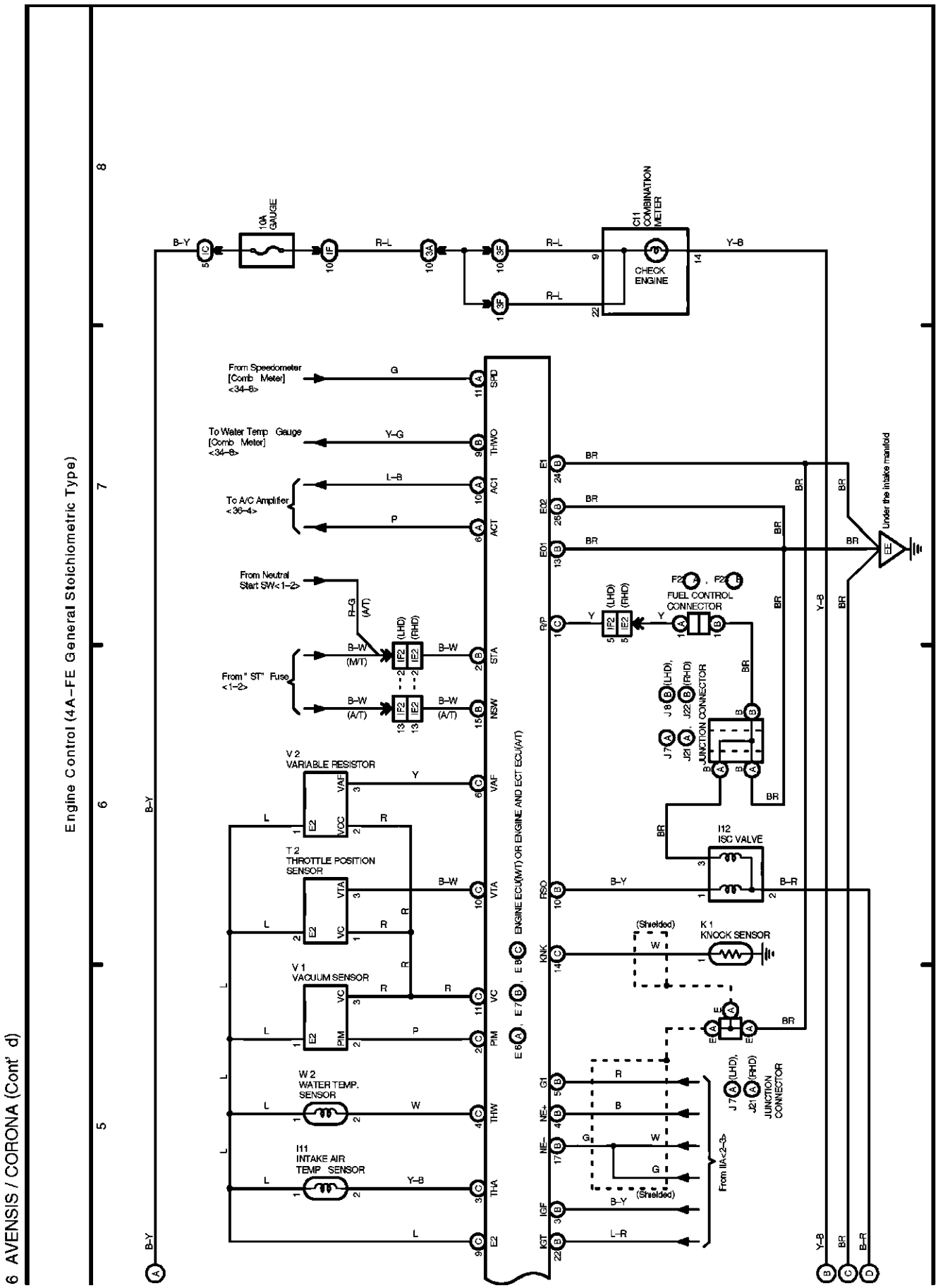
I OVERALL ELECTRICAL WIRING DIAGRAM



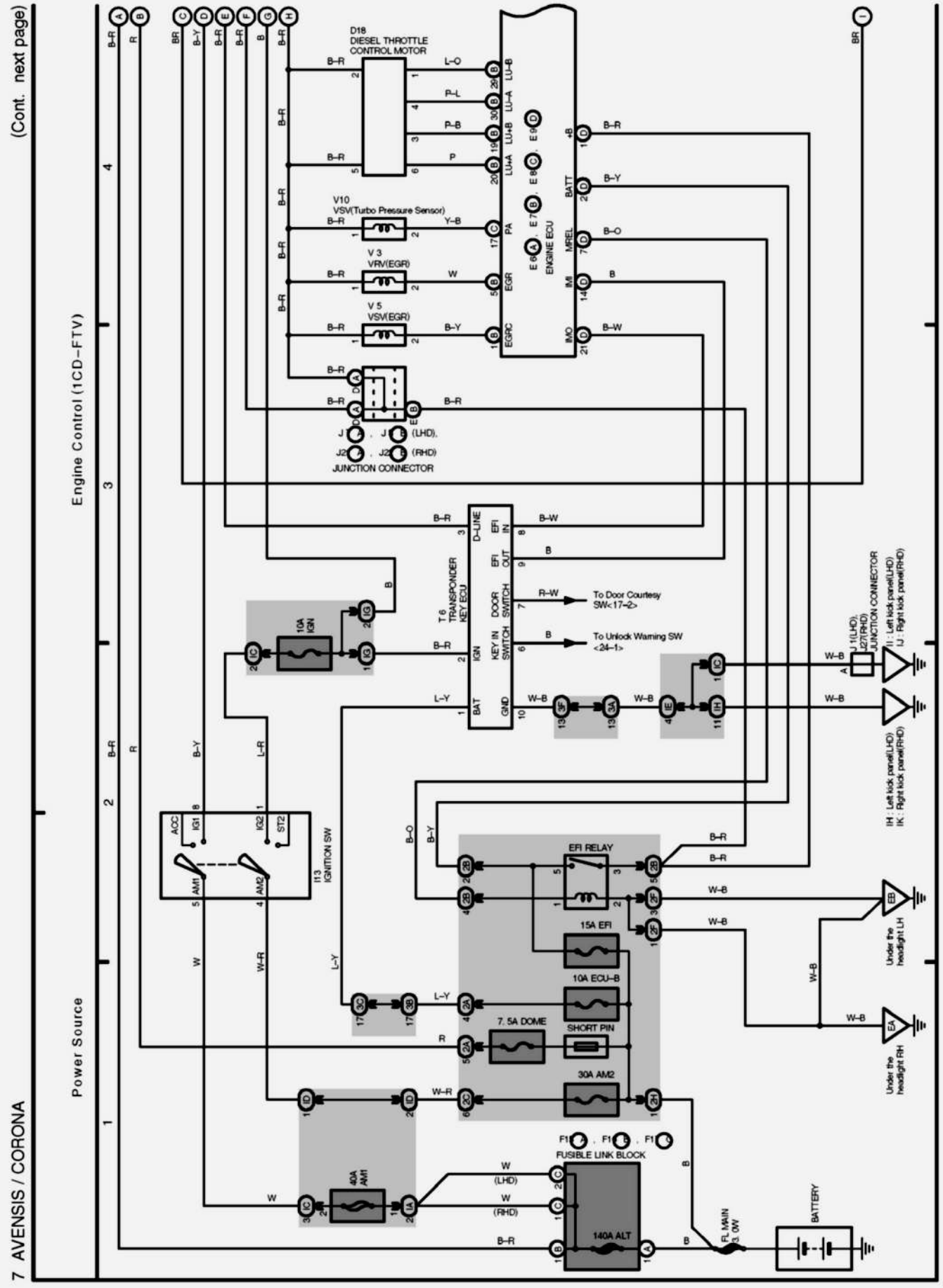

5 AVENSIS / CORONA (Cont' d)
Engine Control (4A-FE Europe Stoichiometric Type)
CHECK ENGINE
10A GAUGE
C11
COMBINATION METER
J J
JUNCTION CONNECTOR
(Shielded)
From Ignition Coil<2-4>
C 3
CRANKSHAFT POSITION SENSOR
K1
KNOCK SENSOR
H 8
HEATED OXYGEN SENSOR
J 4
JUNCTION CONNECTOR
From Ignition Coil <2-4>
From FAN NO 1 Relay<35-6>
P 1
POWER STEERING OIL PRESSURE SW
To Water Temp Gauge [Comb Meter]<34-8>
From Speedometer [Comb Meter]<34-8>
To A/C Amplifier <36-4>
H 1
HALL SENSOR
T 2
THROTTLE POSITION SENSOR
I12
ISC VALVE
V 1
VACUUM SENSOR
I10
INJECTOR NO 4
I9
INJECTOR NO 3
I8
INJECTOR NO 2
I7
INJECTOR NO 1
W 2
WATER TEMP. SENSOR
I11
INTAKE AIR TEMP. SENSOR
E7
ENGINE ECU
J9
JUNCTION CONNECTOR
Right kick panel
D 8
DLC3

I OVERALL ELECTRICAL WIRING DIAGRAM

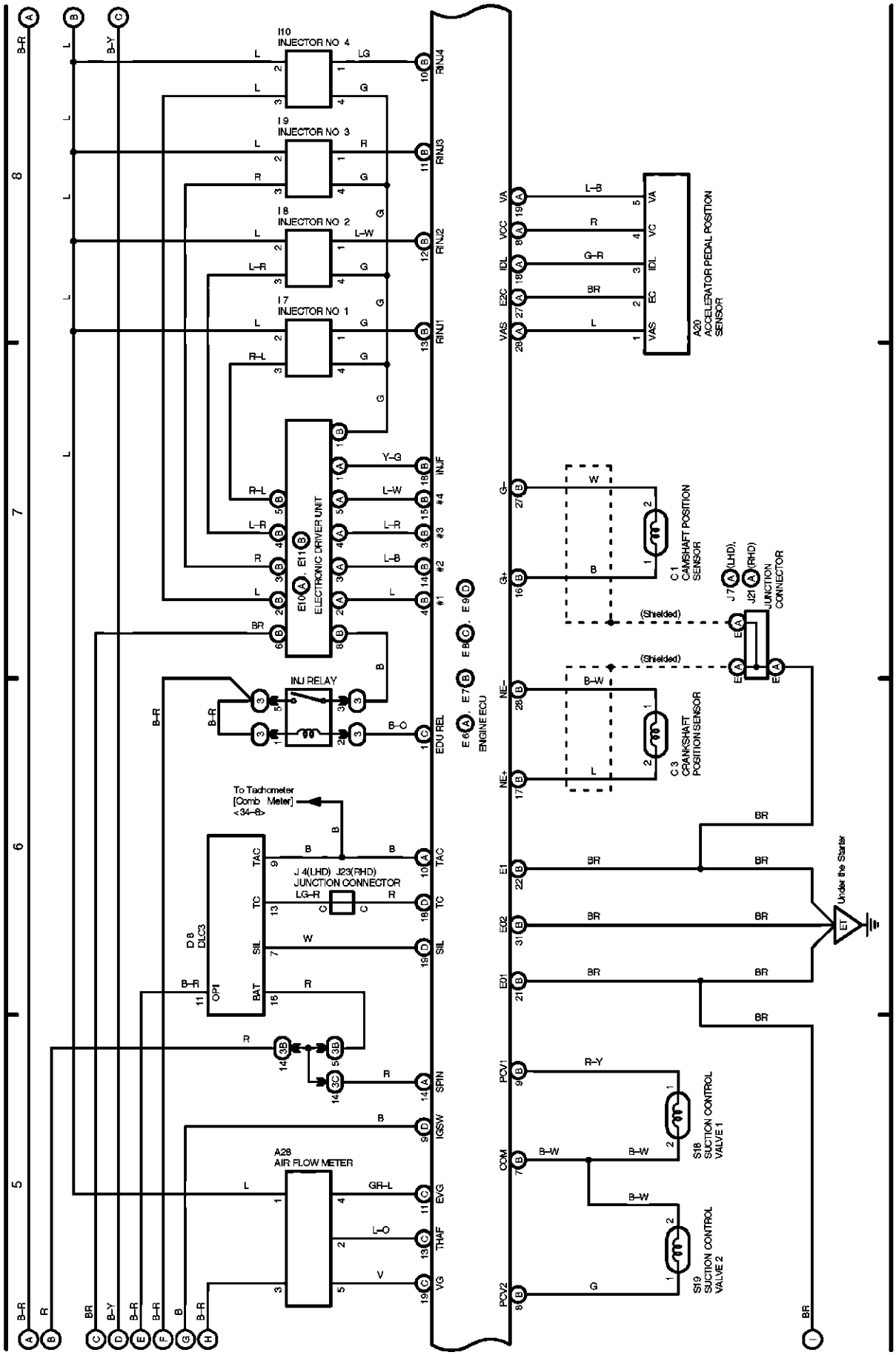



6 AVENSIS / CORONA (Cont' d)
Engine Control (4A-FE General Stoichiometric Type)
10A GAUGE
C11 COMBINATION METER
CHECK ENGINE
From Speedometer [Comb Meter] <34-6>
To Water Temp Gauge [Comb Meter] <34-6>
To A/C Amplifier <36-4>
From Neutral Start SW<1-2>
From " ST" Fuse <1-2>
V 2 VARIABLE RESISTOR
T 2 THROTTLE POSITION SENSOR
V 1 VACUUM SENSOR
W 2 WATER TEMP. SENSOR
I11 INTAKE AIR TEMP. SENSOR
ENGINE ECU(M/T) OR ENGINE AND ECT ECU(A/T)
FUEL CONTROL CONNECTOR
JUNCTION CONNECTOR
I12 ISC VALVE
K 1 KNOCK SENSOR
Under the intake manifold
From IIA<2-3>
SPD
THWO
AC1
ACT
STA
NSW
VAF
VTA
VC
PIM
THW
THA
E2
RSO
KNK
IGF
IGT
NE-
NE+
G1
E1
E02
E01

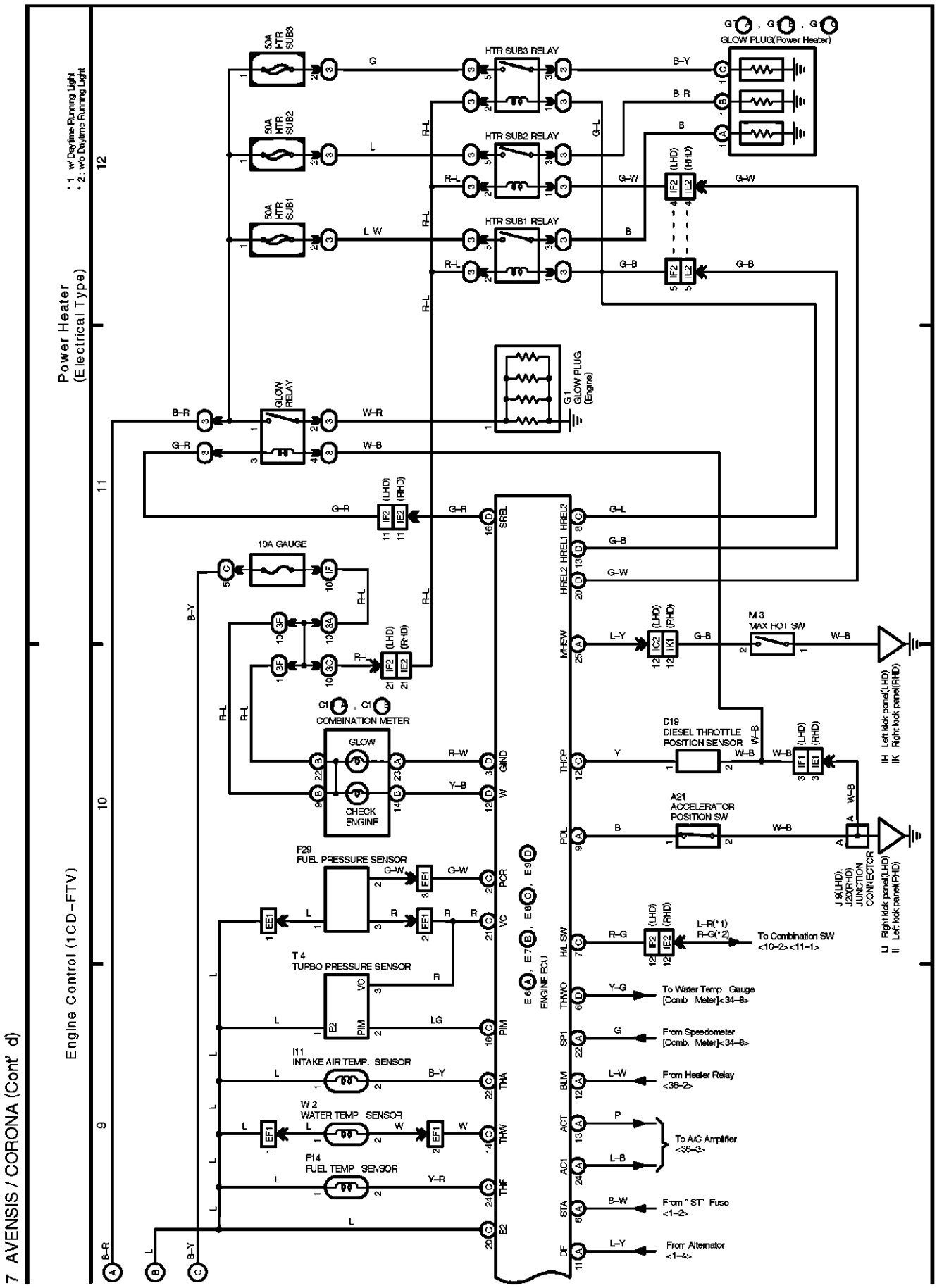
I OVERALL ELECTRICAL WIRING DIAGRAM



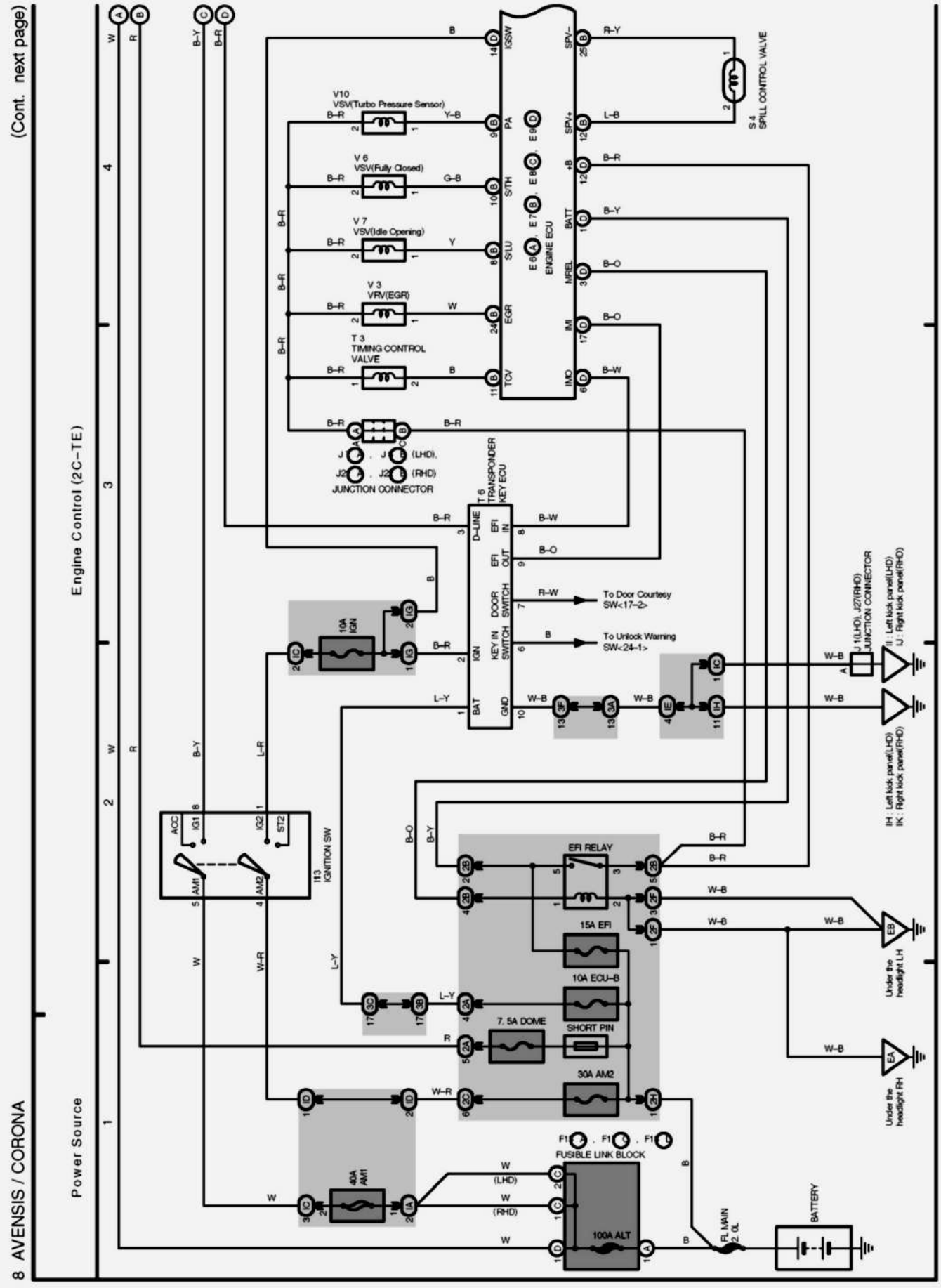
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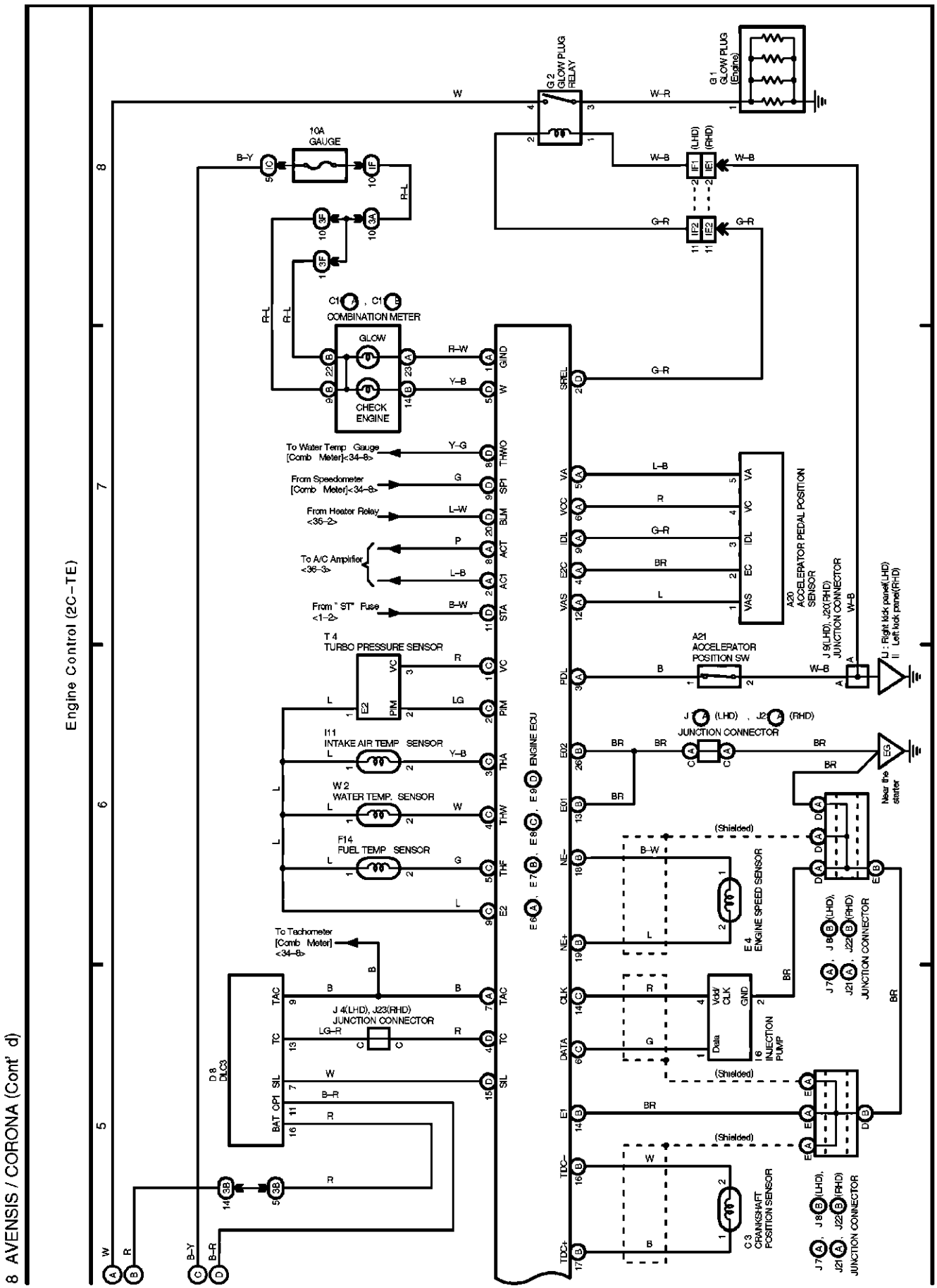
I OVERALL ELECTRICAL WIRING DIAGRAM



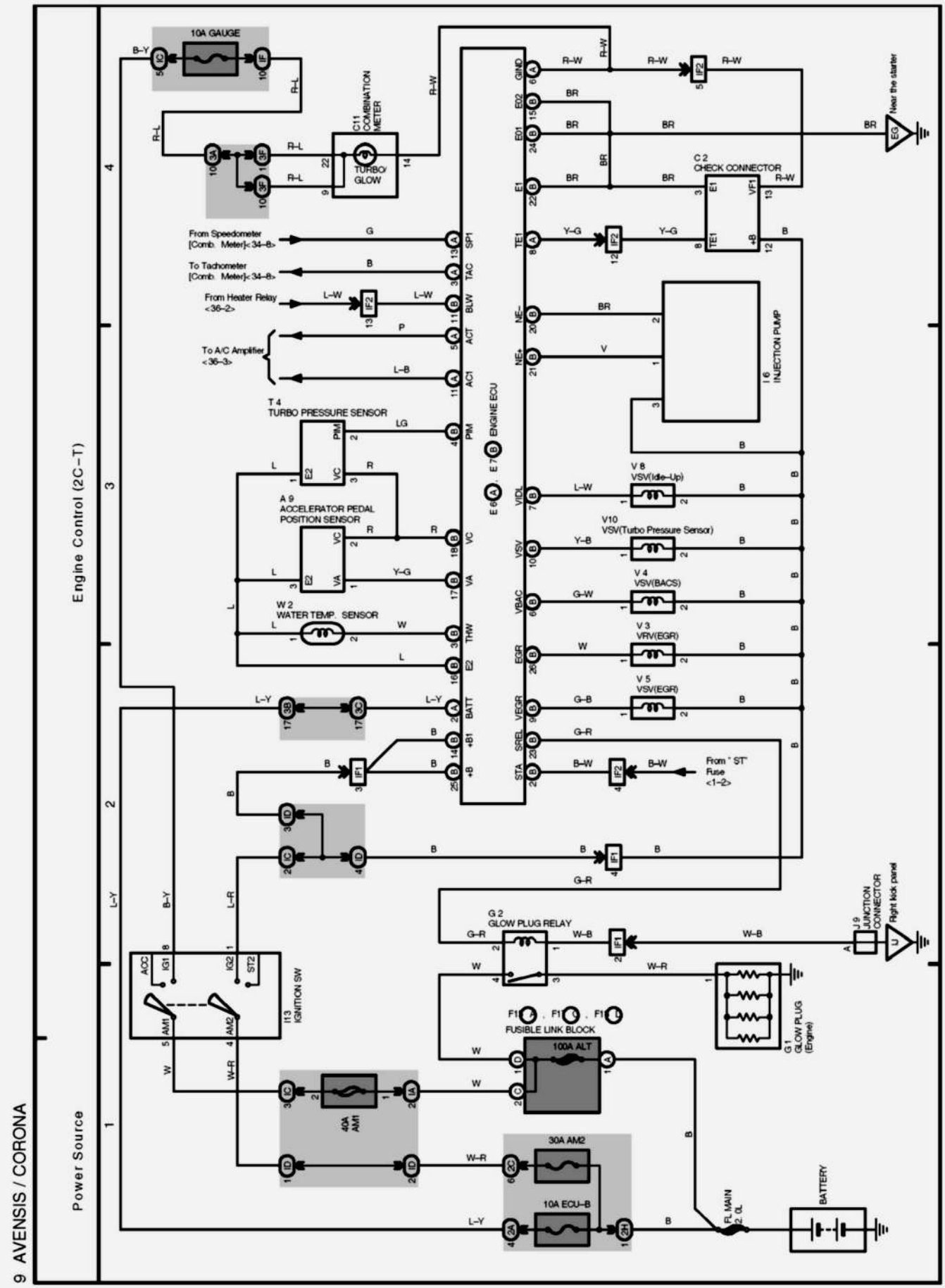
I OVERALL ELECTRICAL WIRING DIAGRAM

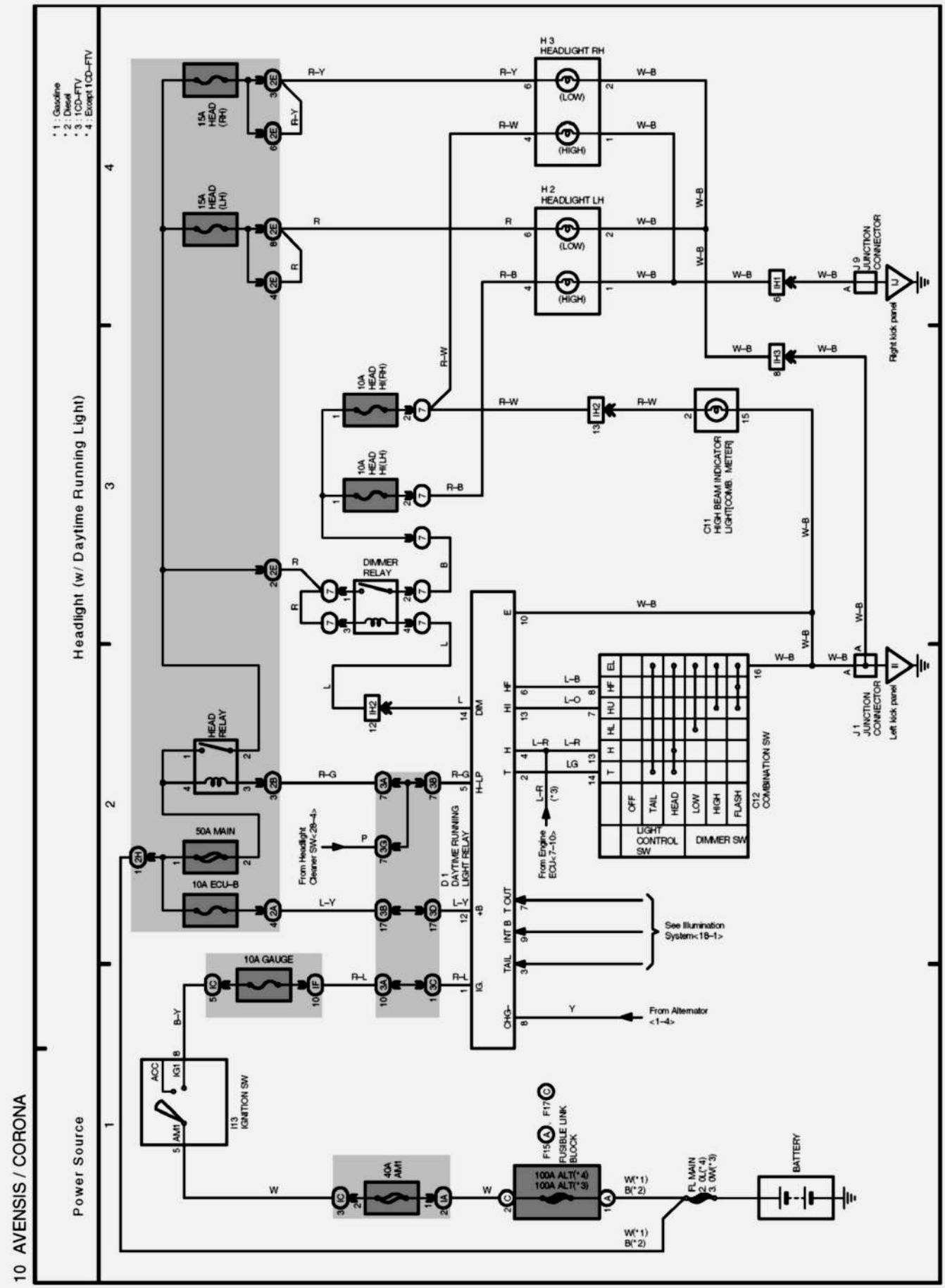


8 AVENSIS / CORONA (Cont' d)

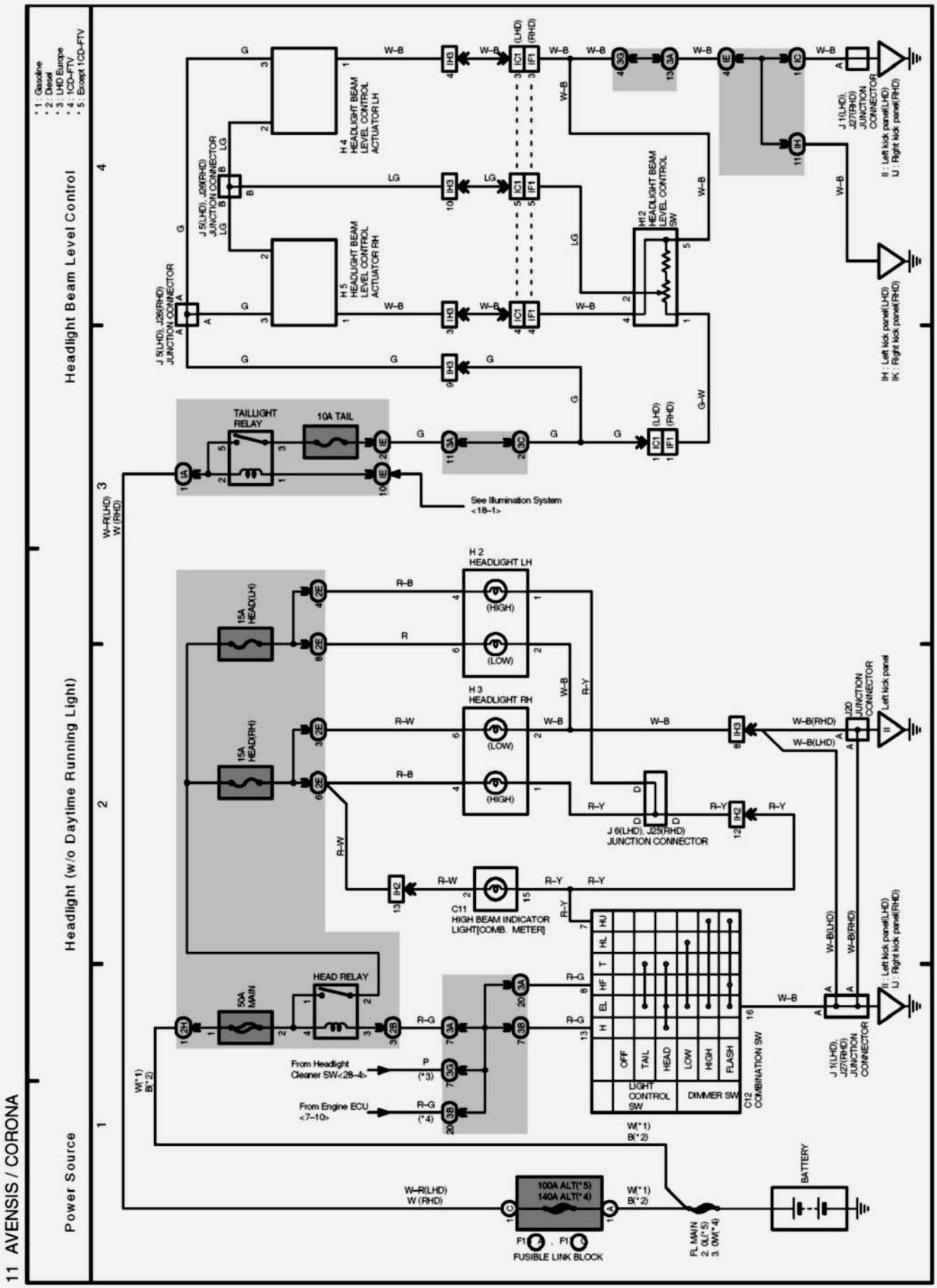


I OVERALL ELECTRICAL WIRING DIAGRAM

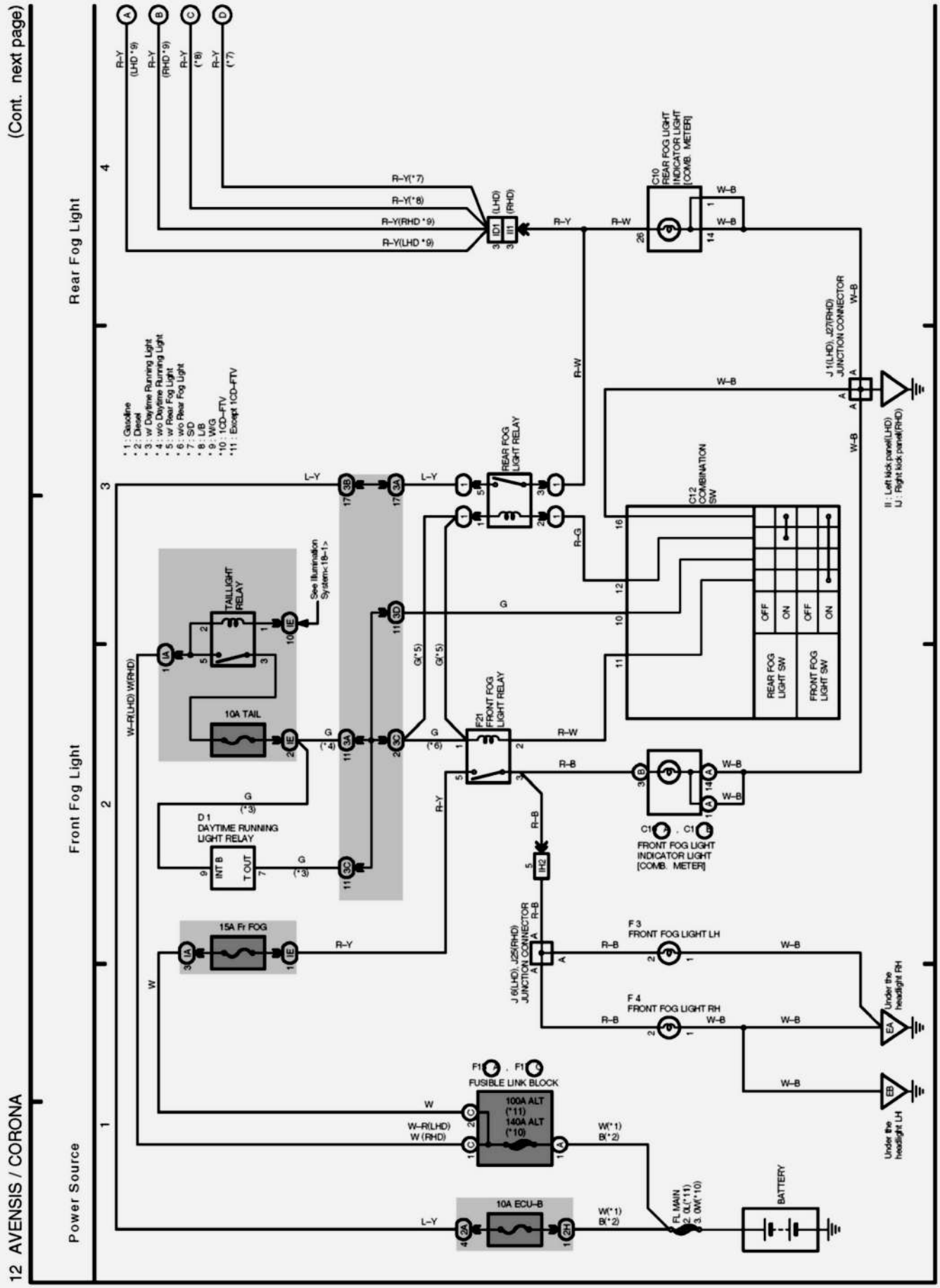


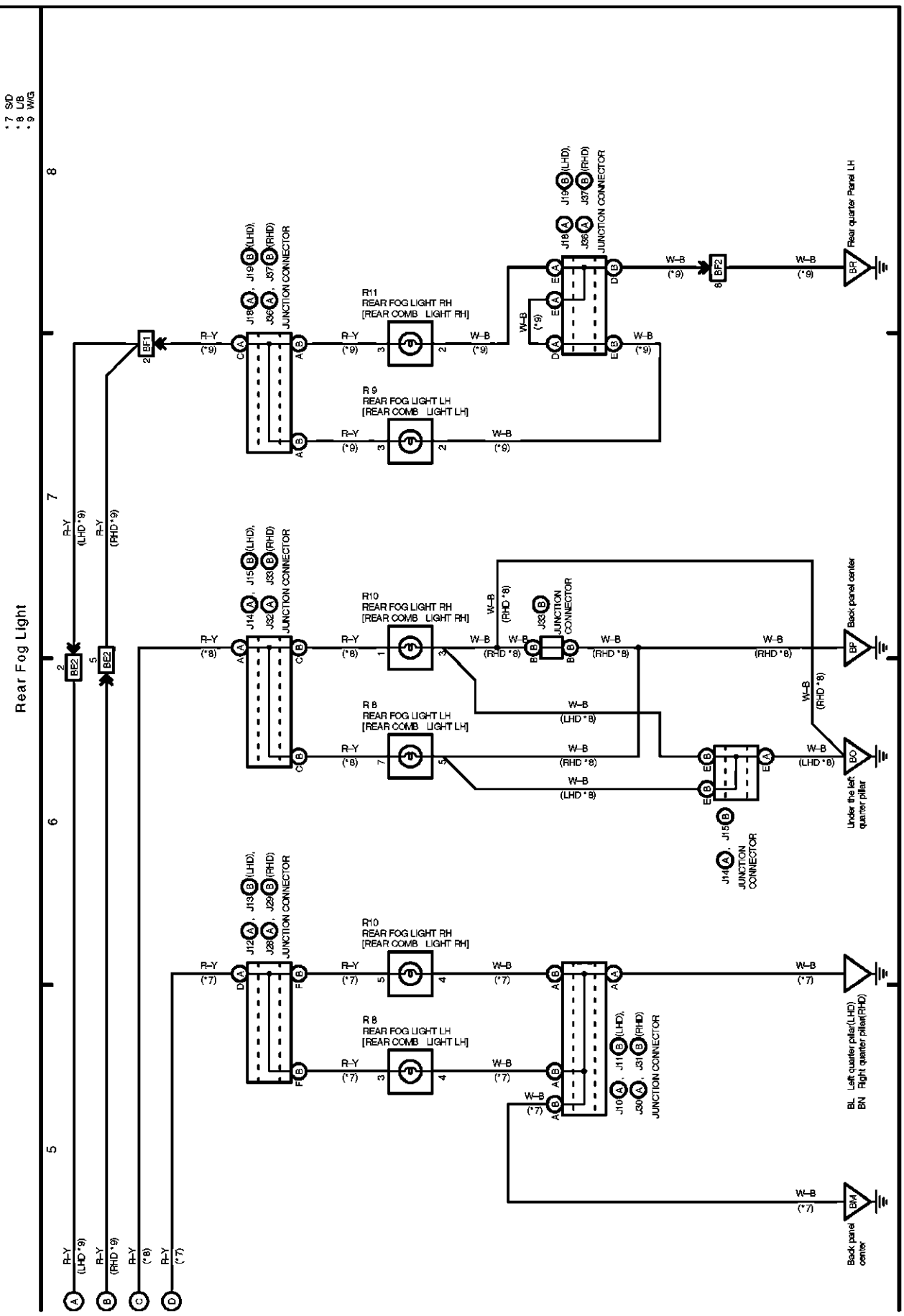

Power Source
Headlight (w/ Daytime Running Light)
*1 : Gasoline
*2 : Diesel
*3 : 1CD-FTV
*4 : Except 1CD-FTV
15A HEAD (RH)
15A HEAD (LH)
10A HEAD HI(RH)
10A HEAD HI(LH)
50A MAIN
10A ECU-B
10A GAUGE
40A AM1
HEAD RELAY
DIMMER RELAY
D1 DAYTIME RUNNING LIGHT RELAY
I13 IGNITION SW
ACC
IG1
AM1
H3 HEADLIGHT RH
H2 HEADLIGHT LH
(LOW)
(HIGH)
C11 HIGH BEAM INDICATOR LIGHT[COMB. METER]
C12 COMBINATION SW
LIGHT CONTROL SW
DIMMER SW
OFF
TAIL
HEAD
LOW
HIGH
FLASH
J9 JUNCTION CONNECTOR
Right kick panel
J1 JUNCTION CONNECTOR
Left kick panel
From Headlight Cleaner SW<28-4>
From Engine ECU<7-10>
From Alternator <1-4>
See Illumination System<18-1>
F15, F17 FUSIBLE LINK BLOCK
100A ALT(*4)
100A ALT(*3)
FL MAIN
BATTERY

I OVERALL ELECTRICAL WIRING DIAGRAM

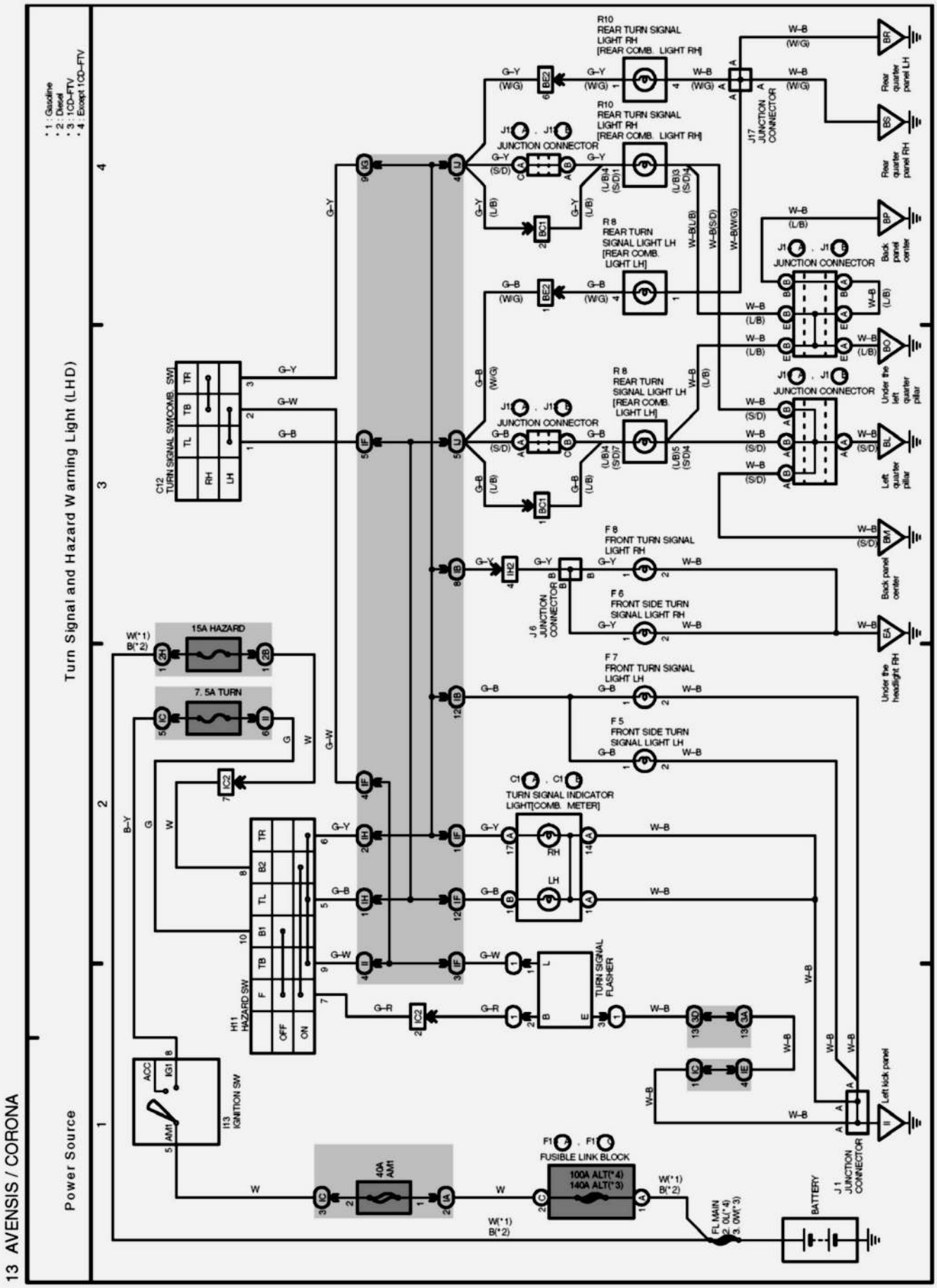


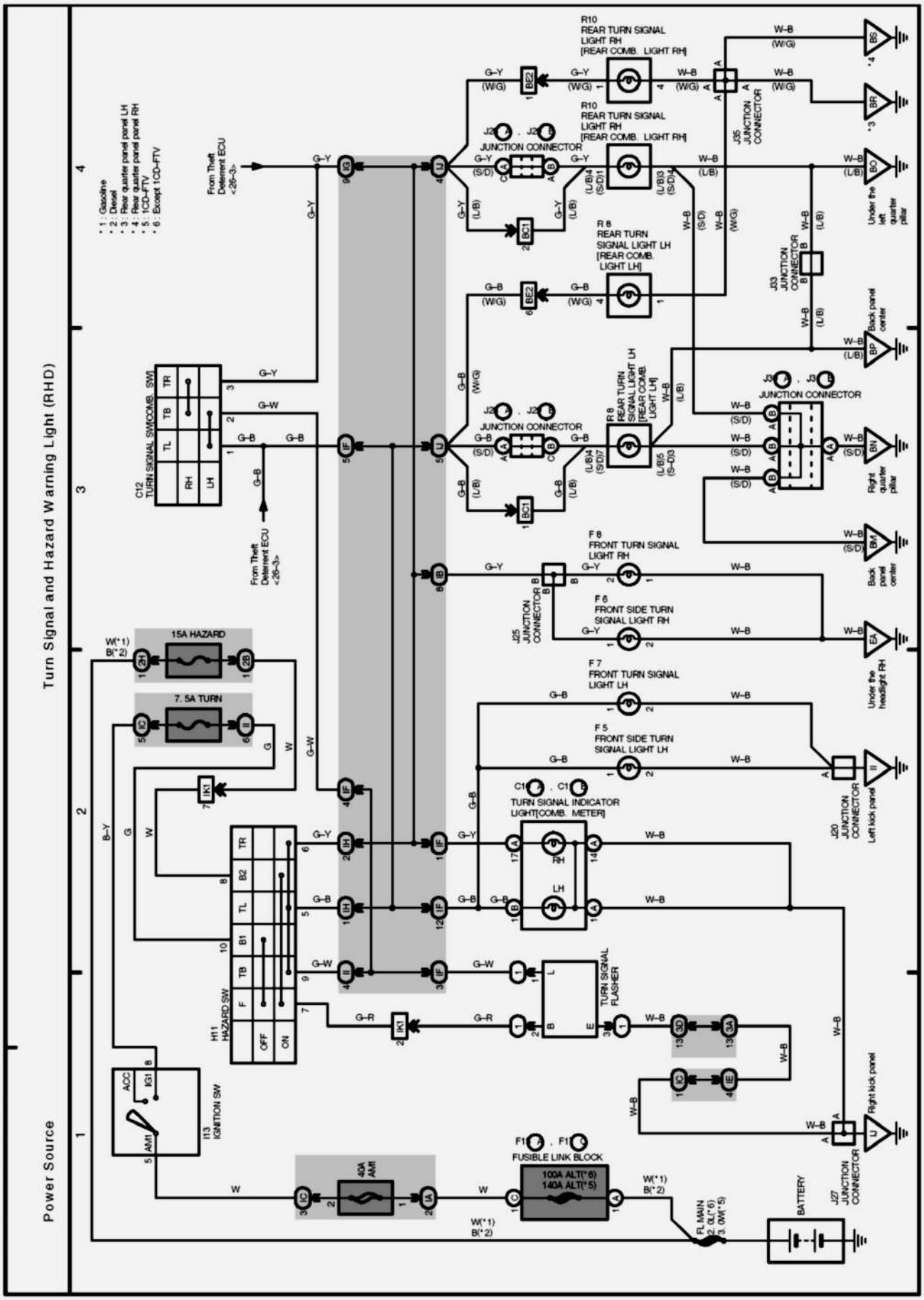
I OVERALL ELECTRICAL WIRING DIAGRAM



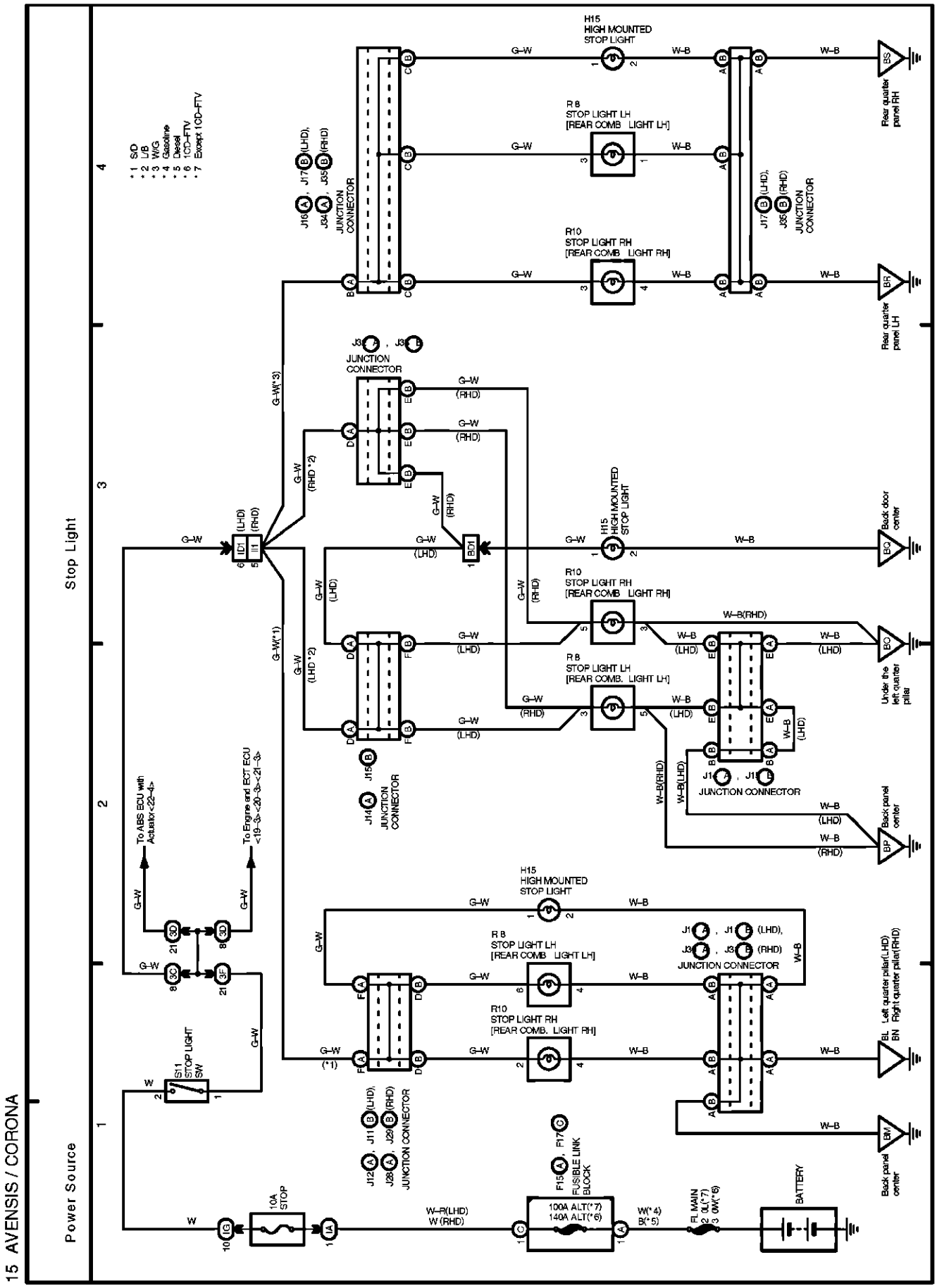

Rear Fog Light
*7 S/D
*8 LHD
*9 W/G
R11
REAR FOG LIGHT RH
[REAR COMB LIGHT RH]
R9
REAR FOG LIGHT LH
[REAR COMB LIGHT LH]
R10
REAR FOG LIGHT RH
[REAR COMB LIGHT RH]
R8
REAR FOG LIGHT LH
[REAR COMB LIGHT LH]
JUNCTION CONNECTOR
Rear quarter Panel LH
Back panel center
Under the left quarter pillar
Left quarter pillar(LHD)
Right quarter pillar(RHD)
BF1
BF2
BE2
BP
BO
BM
BR
BL
BN

I OVERALL ELECTRICAL WIRING DIAGRAM

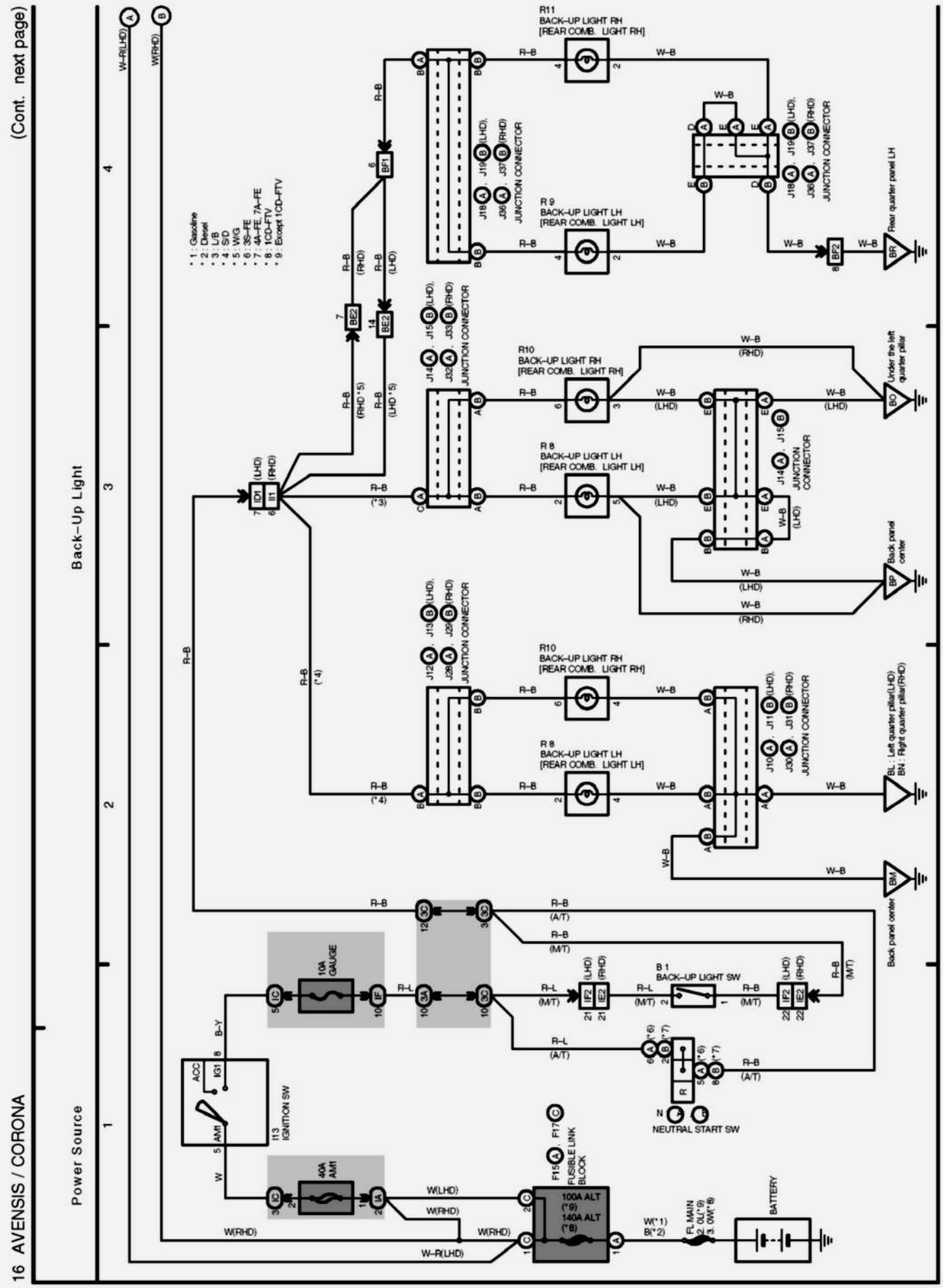


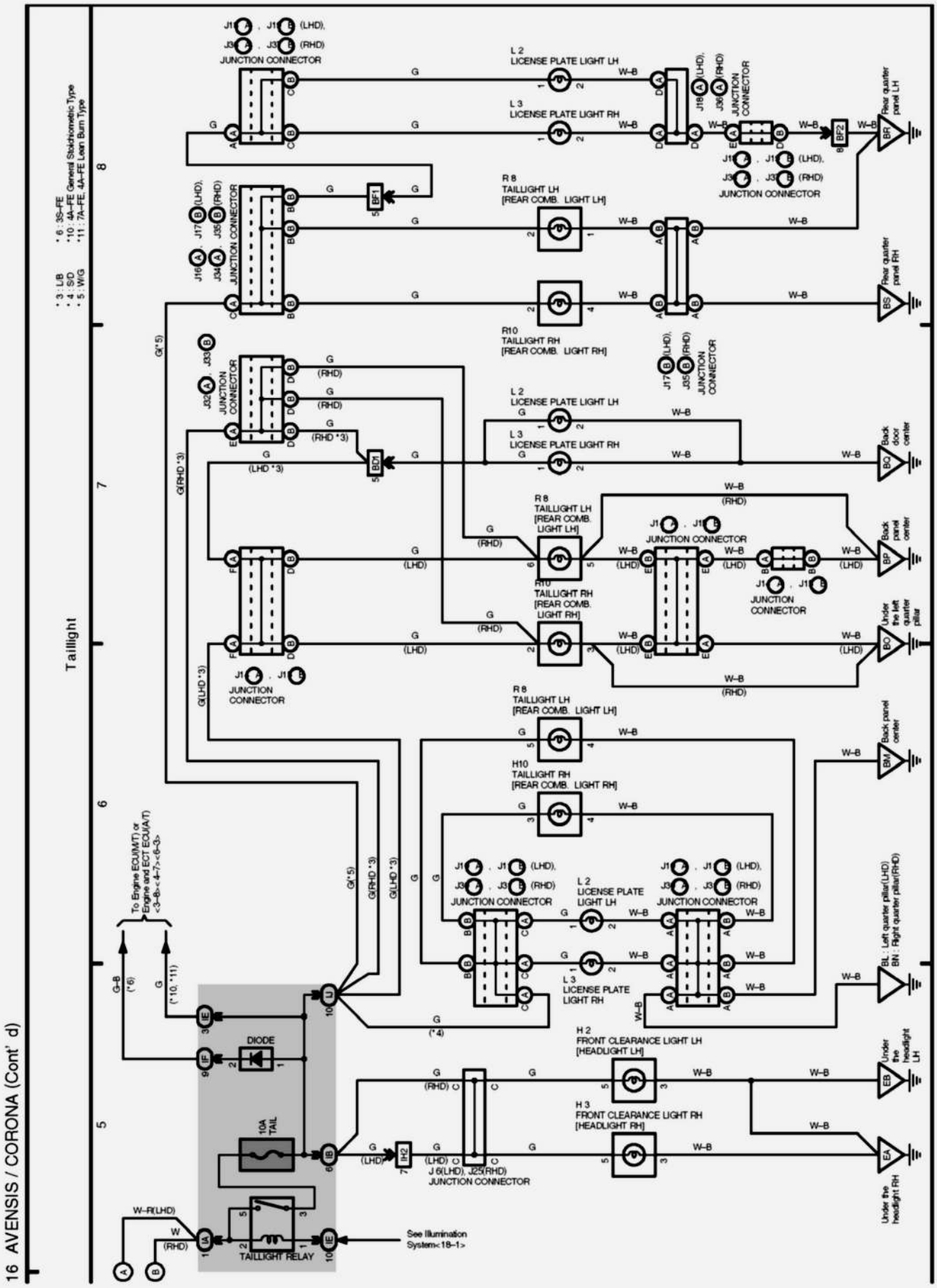

Power Source
Turn Signal and Hazard Warning Light (RHD)
• 1 : Gasoline
• 2 : Diesel
• 3 : Rear quarter panel panel LH
• 4 : Rear quarter panel panel RH
• 5 : 1CD-FTV
• 6 : Except 1CD-FTV
From Theft Deterrent ECU <26-3>
C12 TURN SIGNAL SW(COMB. SW)
TR
TB
TL
RH
LH
15A HAZARD
7. 5A TURN
H11 HAZARD SW
OFF
ON
I13 IGNITION SW
ACC
IG1
AM1
40A AM1
FUSIBLE LINK BLOCK
100A ALT(*6)
140A ALT(*5)
BATTERY
FL MAIN
2. 0L(*6)
3. 0W(*5)
TURN SIGNAL FLASHER
R10 REAR TURN SIGNAL LIGHT RH [REAR COMB. LIGHT RH]
R 8 REAR TURN SIGNAL LIGHT LH [REAR COMB. LIGHT LH]
F 8 FRONT TURN SIGNAL LIGHT RH
F 6 FRONT SIDE TURN SIGNAL LIGHT RH
F 7 FRONT TURN SIGNAL LIGHT LH
F 5 FRONT SIDE TURN SIGNAL LIGHT LH
C1 TURN SIGNAL INDICATOR LIGHT[COMB. METER]
J2 JUNCTION CONNECTOR
J3 JUNCTION CONNECTOR
J35 JUNCTION CONNECTOR
J33 JUNCTION CONNECTOR
J25 JUNCTION CONNECTOR B
J20 JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
Under the left quarter pillar
Back panel center
Right quarter pillar
Under the headlight RH
Left kick panel
Right kick panel

I OVERALL ELECTRICAL WIRING DIAGRAM

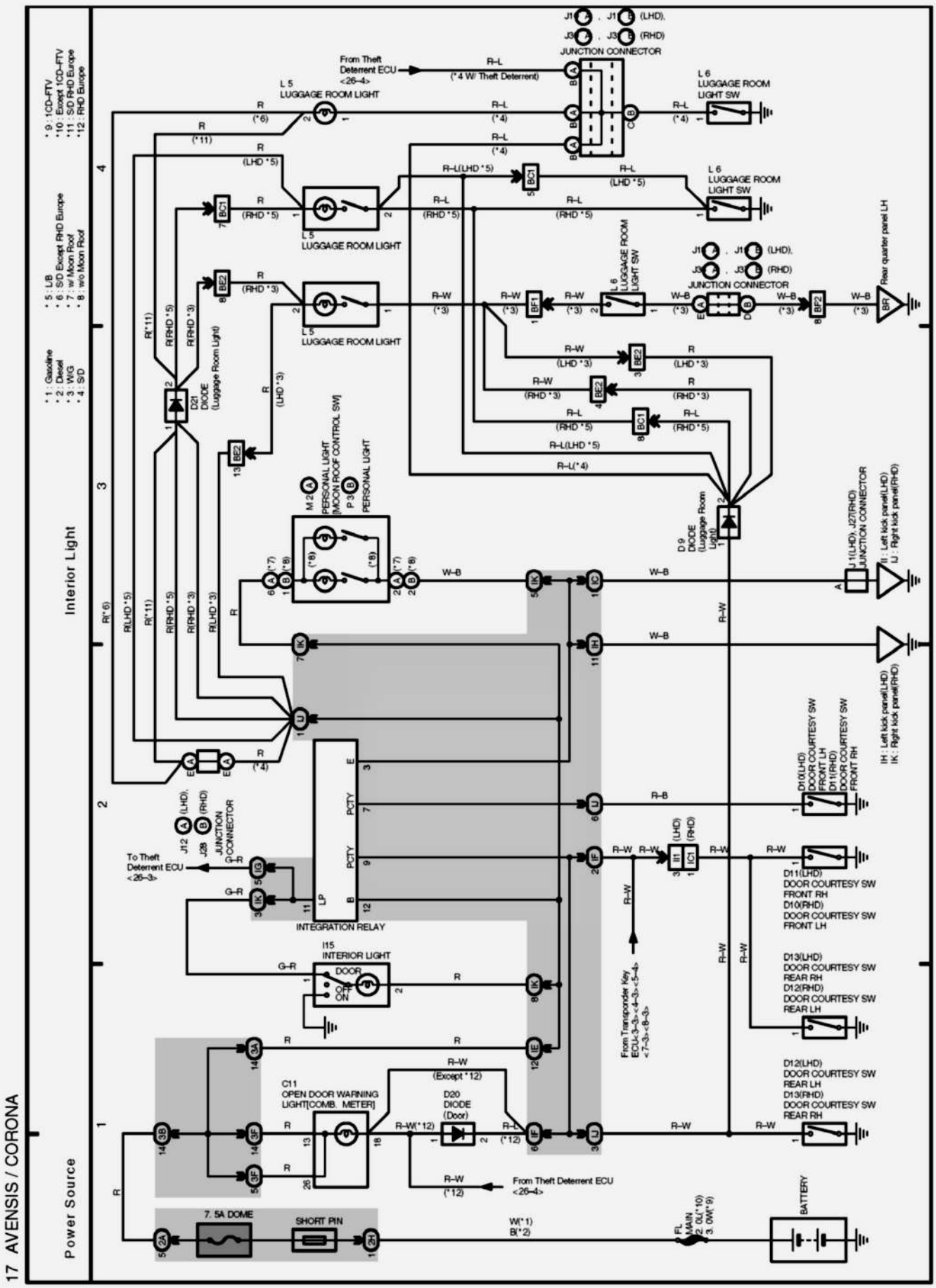


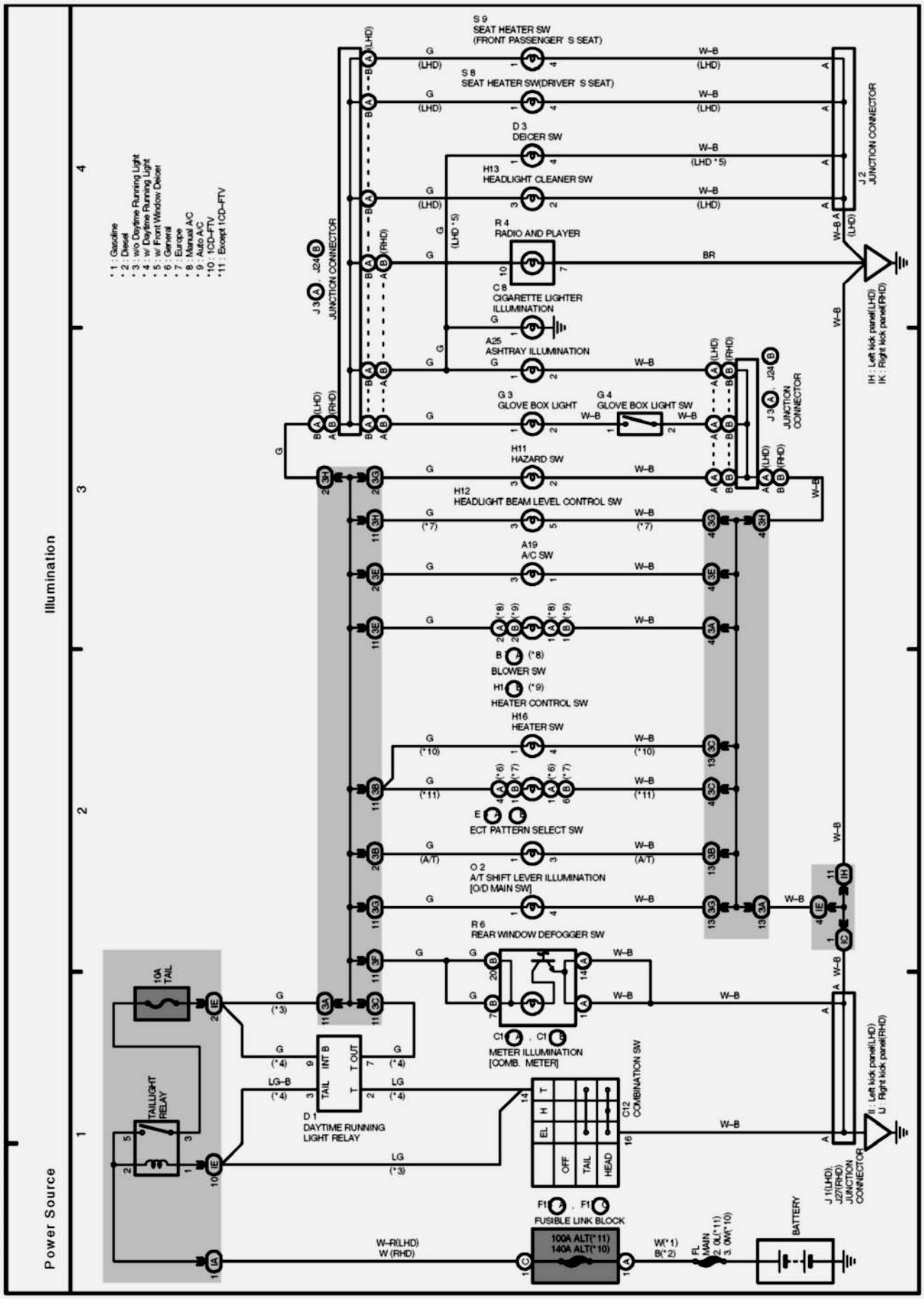
I OVERALL ELECTRICAL WIRING DIAGRAM



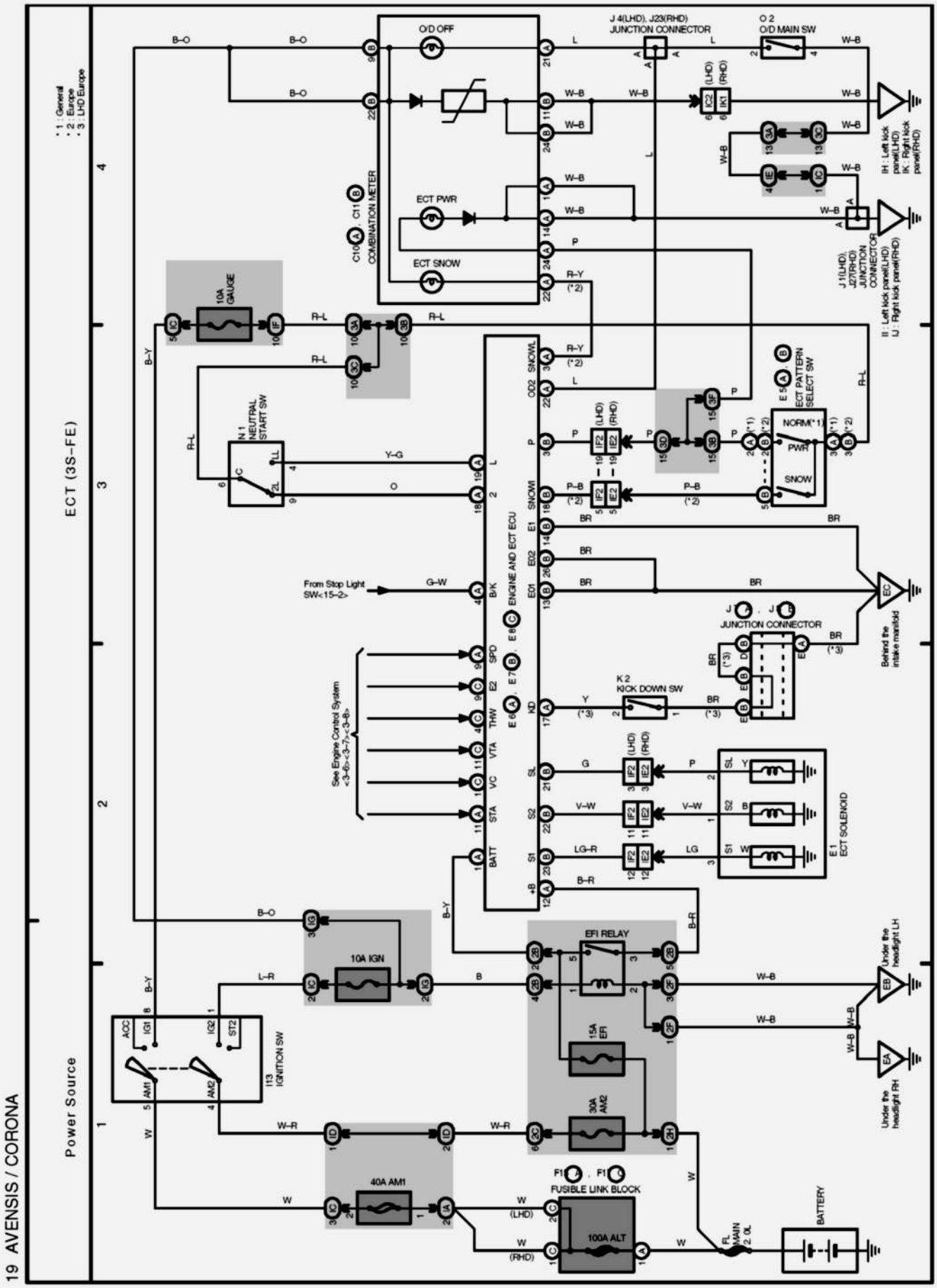

16 AVENSIS / CORONA (Cont' d)
Taillight
*3 : LB
*4 : SD
*5 : WG
*6 : 3S-FE
*10 : 4A-FE General Stoichiometric Type
*11 : 7A-FE, 4A-FE Lean Burn Type
JUNCTION CONNECTOR
L 2
LICENSE PLATE LIGHT LH
L 3
LICENSE PLATE LIGHT RH
R 8
TAILLIGHT LH
[REAR COMB. LIGHT LH]
R10
TAILLIGHT RH
[REAR COMB. LIGHT RH]
H10
H 2
FRONT CLEARANCE LIGHT LH
[HEADLIGHT LH]
H 3
FRONT CLEARANCE LIGHT RH
[HEADLIGHT RH]
DIODE
10A TAIL
TAILLIGHT RELAY
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-8>,<4-7>,<6-3>
See Illumination System<18-1>
Rear quarter panel LH
Rear quarter panel RH
Back door center
Back panel center
Under the left quarter pillar
BL : Left quarter pillar(LHD)
BN : Right quarter pillar(RHD)
Under the headlight LH
Under the headlight RH
J6(LHD), J25(RHD) JUNCTION CONNECTOR

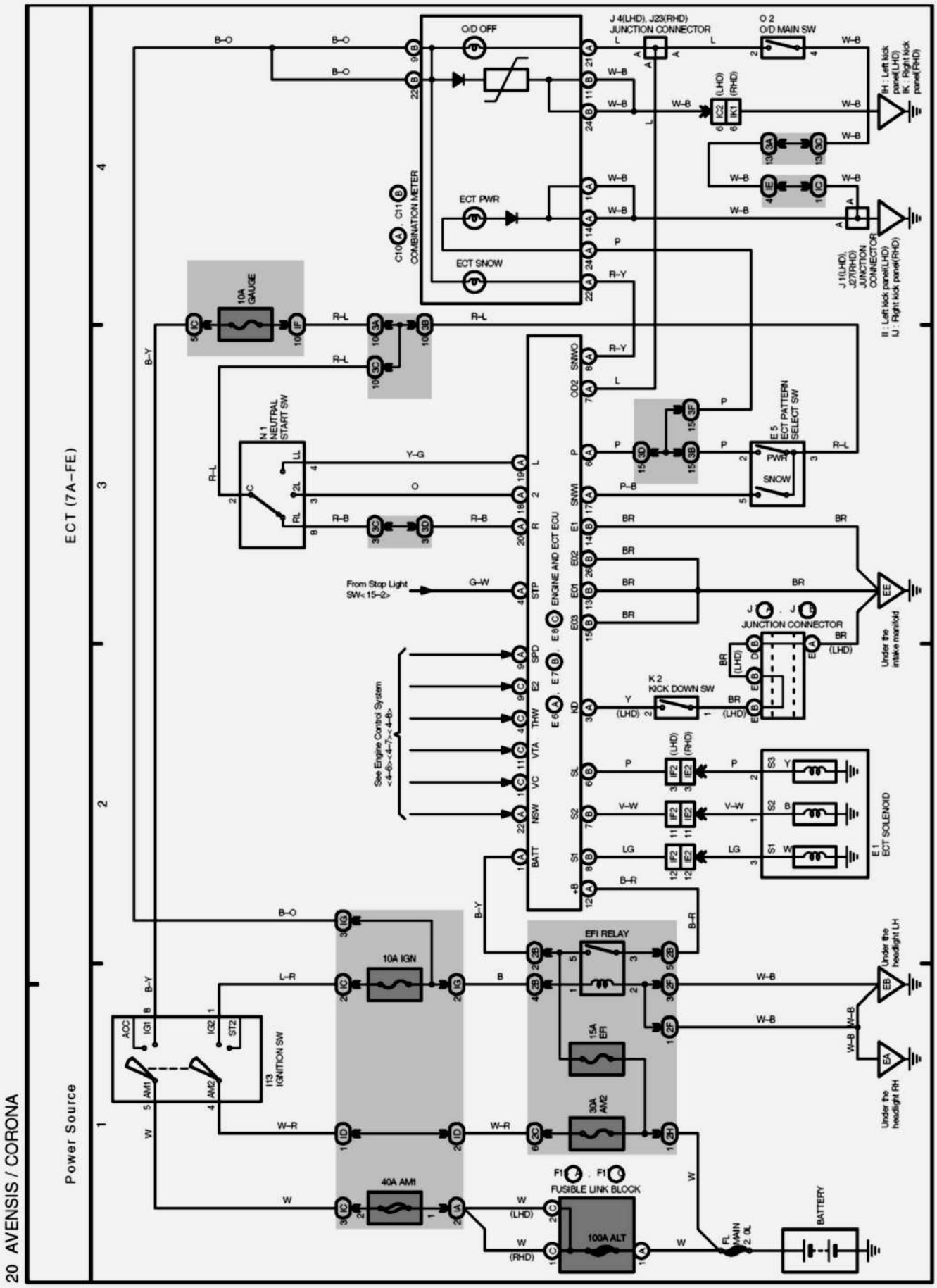
I OVERALL ELECTRICAL WIRING DIAGRAM



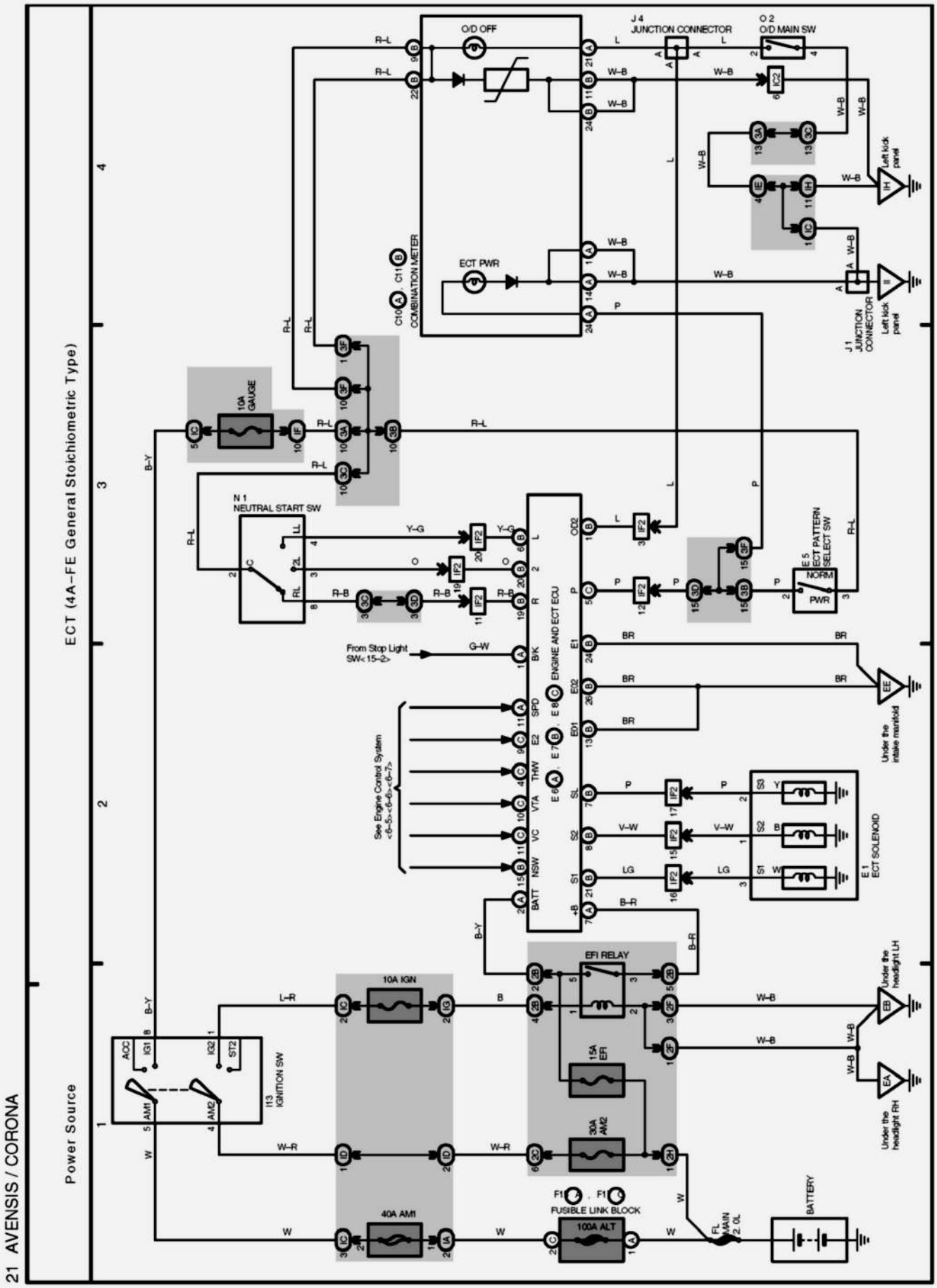

Power Source
Illumination
*1 : Gasoline
*2 : Diesel
*3 : w/o Daytime Running Light
*4 : w/ Daytime Running Light
*5 : w/ Front Window Deicer
*6 : General
*7 : Europe
*8 : Manual A/C
*9 : Auto A/C
*10 : 1CD-FTV
*11 : Except 1CD-FTV
S 9
SEAT HEATER SW
(FRONT PASSENGER' S SEAT)
S 8
SEAT HEATER SW(DRIVER' S SEAT)
D 3
DEICER SW
H13
HEADLIGHT CLEANER SW
R 4
RADIO AND PLAYER
C 8
CIGARETTE LIGHTER
ILLUMINATION
A25
ASHTRAY ILLUMINATION
G 3
GLOVE BOX LIGHT
G 4
GLOVE BOX LIGHT SW
H11
HAZARD SW
H12
HEADLIGHT BEAM LEVEL CONTROL SW
A19
A/C SW
B
(*8)
BLOWER SW
H1
(*9)
HEATER CONTROL SW
H16
HEATER SW
E
ECT PATTERN SELECT SW
O 2
A/T SHIFT LEVER ILLUMINATION
[O/D MAIN SW]
R 6
REAR WINDOW DEFOGGER SW
C1
METER ILLUMINATION
[COMB. METER]
C12
COMBINATION SW
OFF
TAIL
HEAD
EL
H
T
D 1
DAYTIME RUNNING
LIGHT RELAY
TAIL INT B
T OUT
TAILLIGHT
RELAY
10A
TAIL
F1
FUSIBLE LINK BLOCK
100A ALT(*11)
140A ALT(*10)
MAIN
BATTERY
J 2
JUNCTION CONNECTOR
J 3
JUNCTION CONNECTOR
J24
JUNCTION CONNECTOR
J 1(LHD),
J27(RHD)
JUNCTION
CONNECTOR
IH : Left kick panel(LHD)
IK : Right kick panel(RHD)
II : Left kick panel(LHD)
IJ : Right kick panel(RHD)
W-B
W-R(LHD)
W (RHD)
W(*1)
B(*2)
BR
LG
LG-B
G
(LHD)
(RHD)
(A/T)
(*3)
(*4)
(*6)
(*7)
(*10)
(*11)
(LHD *5)

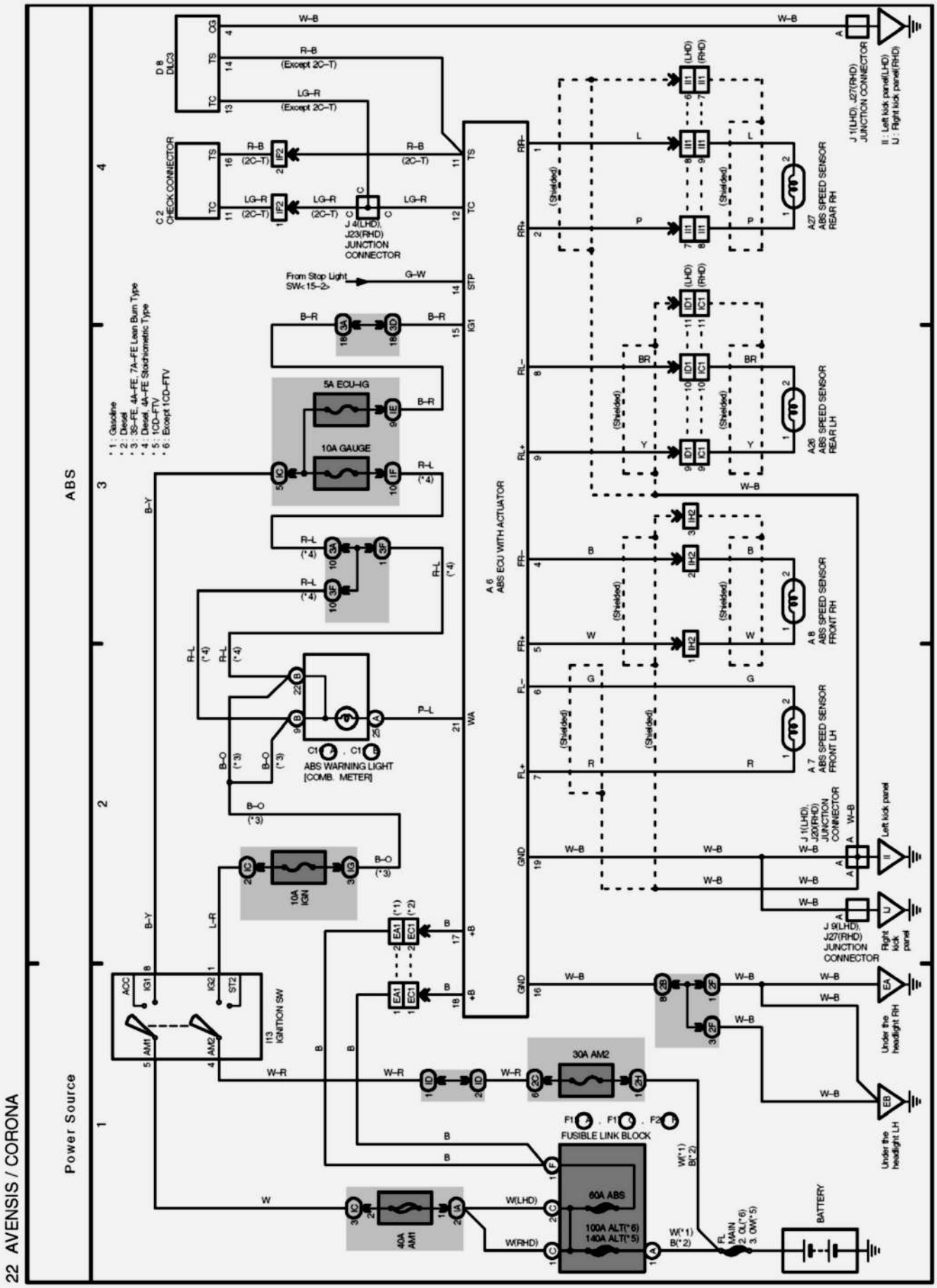
I OVERALL ELECTRICAL WIRING DIAGRAM



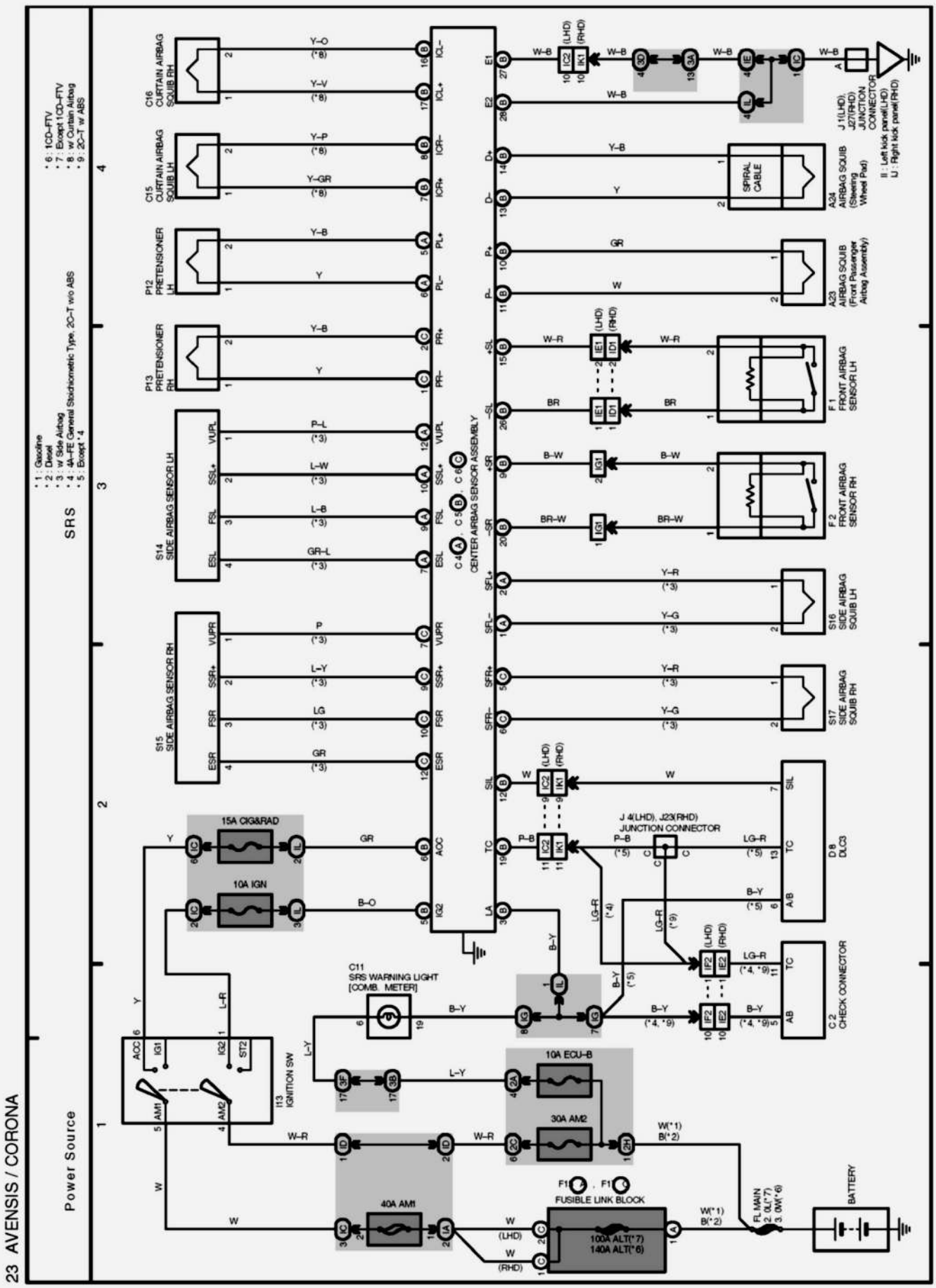

20 AVENSIS / CORONA
ECT (7A-FE)
Power Source
O/D OFF
ECT PWR
ECT SNOW
C10 (A), C11 (B) COMBINATION METER
J 4(LHD), J23(RHD) JUNCTION CONNECTOR
O 2 O/D MAIN SW
IH : Left kick panel(LHD) IK : Right kick panel(RHD)
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
IJ : Left kick panel(LHD) IJ : Right kick panel(RHD)
10A GAUGE
N 1 NEUTRAL START SW
E 5 ECT PATTERN SELECT SW
PWR
SNOW
ENGINE AND ECT ECU
From Stop Light SW<15-2>
See Engine Control System <4-6><4-7><4-8>
K 2 KICK DOWN SW
JUNCTION CONNECTOR
Under the intake manifold
E1 ECT SOLENOID
EFI RELAY
10A IGN
15A EFI
30A AM2
40A AM1
100A ALT
I13 IGNITION SW
FUSIBLE LINK BLOCK
BATTERY
Under the headlight LH
Under the headlight RH

I OVERALL ELECTRICAL WIRING DIAGRAM

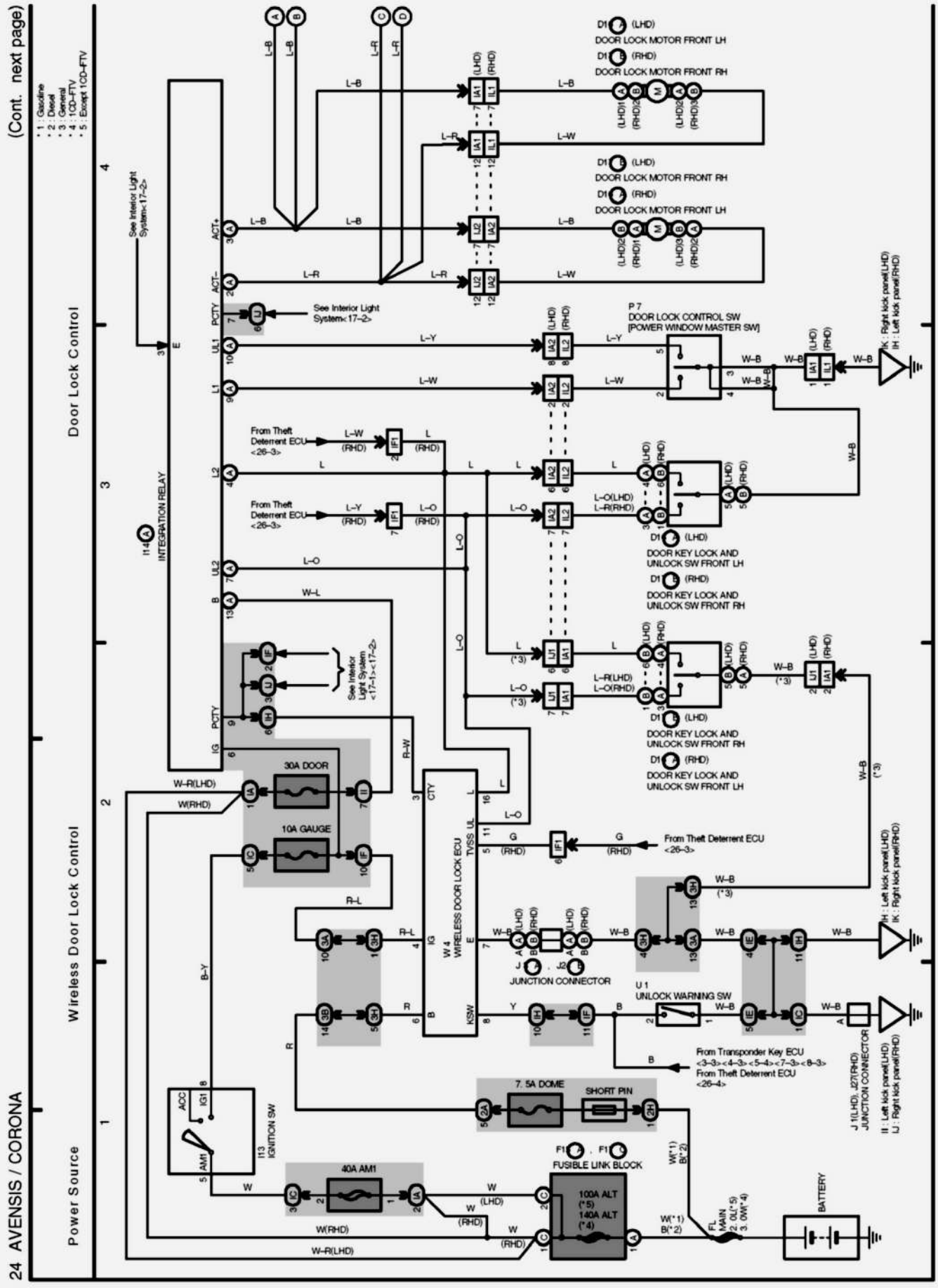


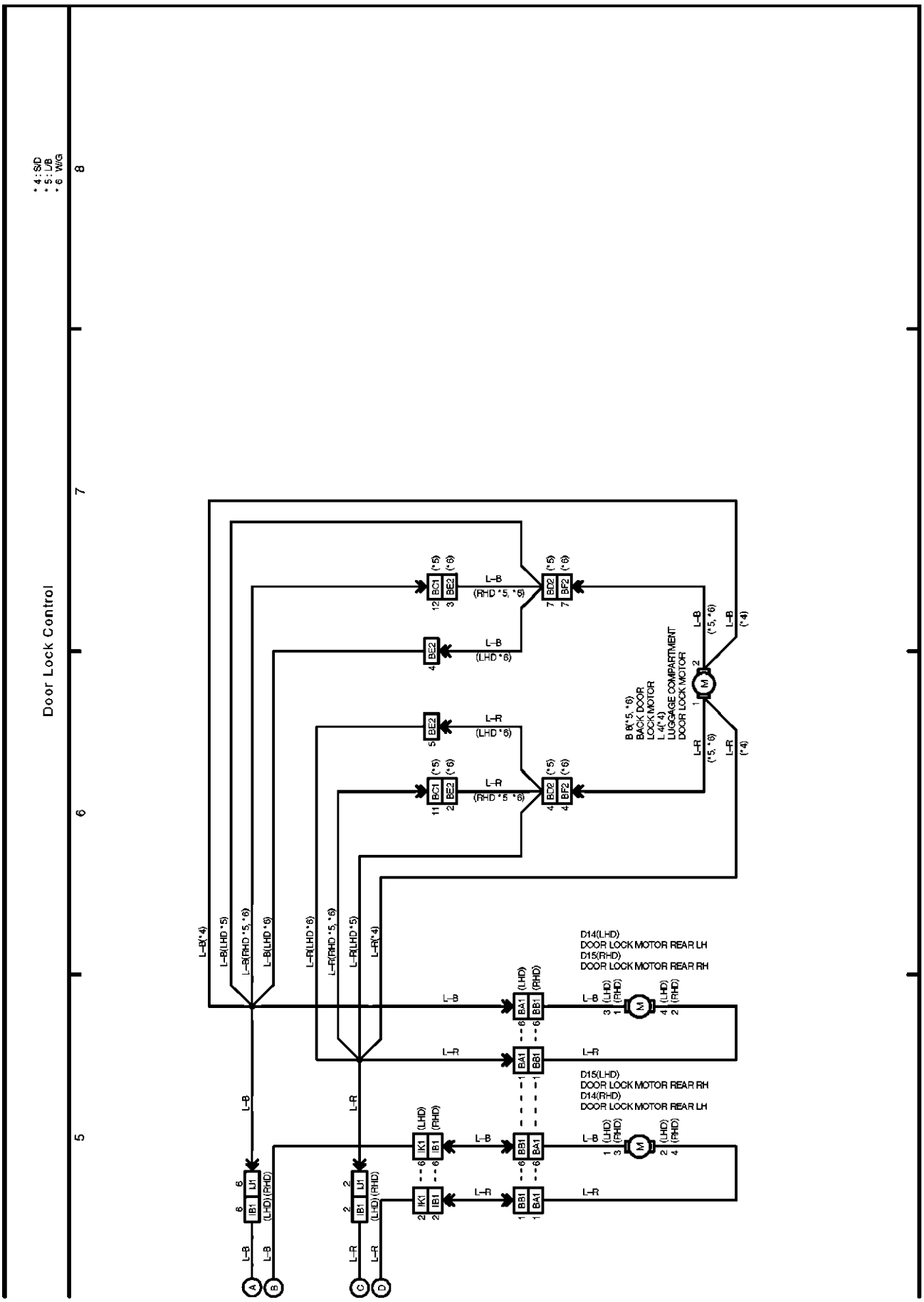

22 AVENSIS / CORONA
ABS
Power Source
A 6 ABS ECU WITH ACTUATOR
A 27 ABS SPEED SENSOR REAR RH
A 26 ABS SPEED SENSOR REAR LH
A 8 ABS SPEED SENSOR FRONT RH
A 7 ABS SPEED SENSOR FRONT LH
D 8 DLC3
C 2 CHECK CONNECTOR
J 4(LHD), J23(RHD) JUNCTION CONNECTOR
J 1(LHD), J27(RHD) JUNCTION CONNECTOR
J 1(LHD), J20(RHD) JUNCTION CONNECTOR
J 9(LHD), J27(RHD) JUNCTION CONNECTOR
I13 IGNITION SW
5A ECU-IG
10A GAUGE
10A IGN
30A AM2
40A AM1
60A ABS
100A ALT(*6) 140A ALT(*5)
FUSIBLE LINK BLOCK
BATTERY
ABS WARNING LIGHT [COMB. METER]
From Stop Light SW<15-2>
Left kick panel
Right kick panel
Under the headlight RH
Under the headlight LH
• 1 : Gasoline
• 2 : Diesel
• 3 : 3S-FE, 4A-FE, 7A-FE Lean Burn Type
• 4 : Diesel, 4A-FE Stoichiometric Type
• 5 : 1CD-FTV
• 6 : Except 1CD-FTV

I OVERALL ELECTRICAL WIRING DIAGRAM

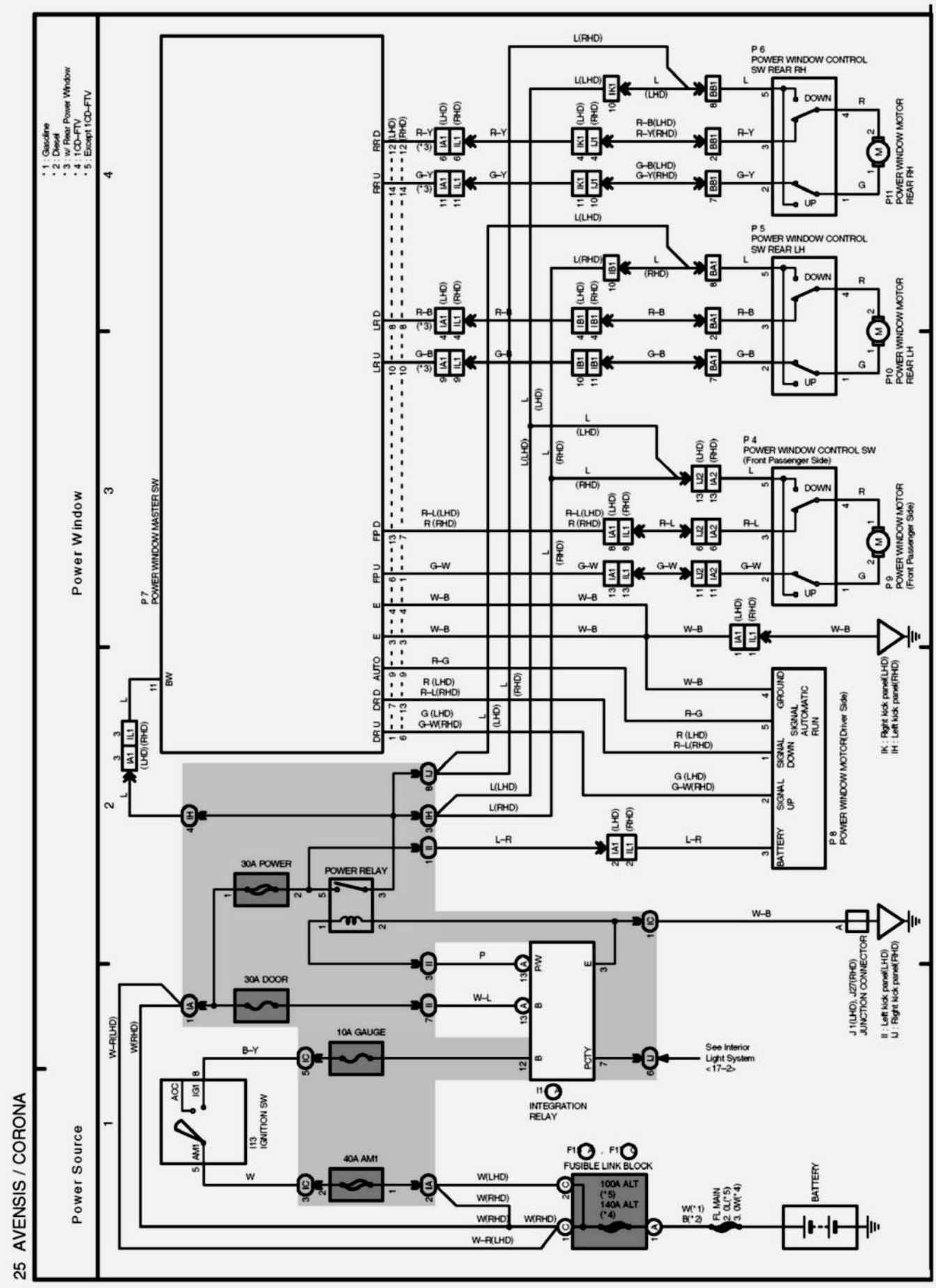


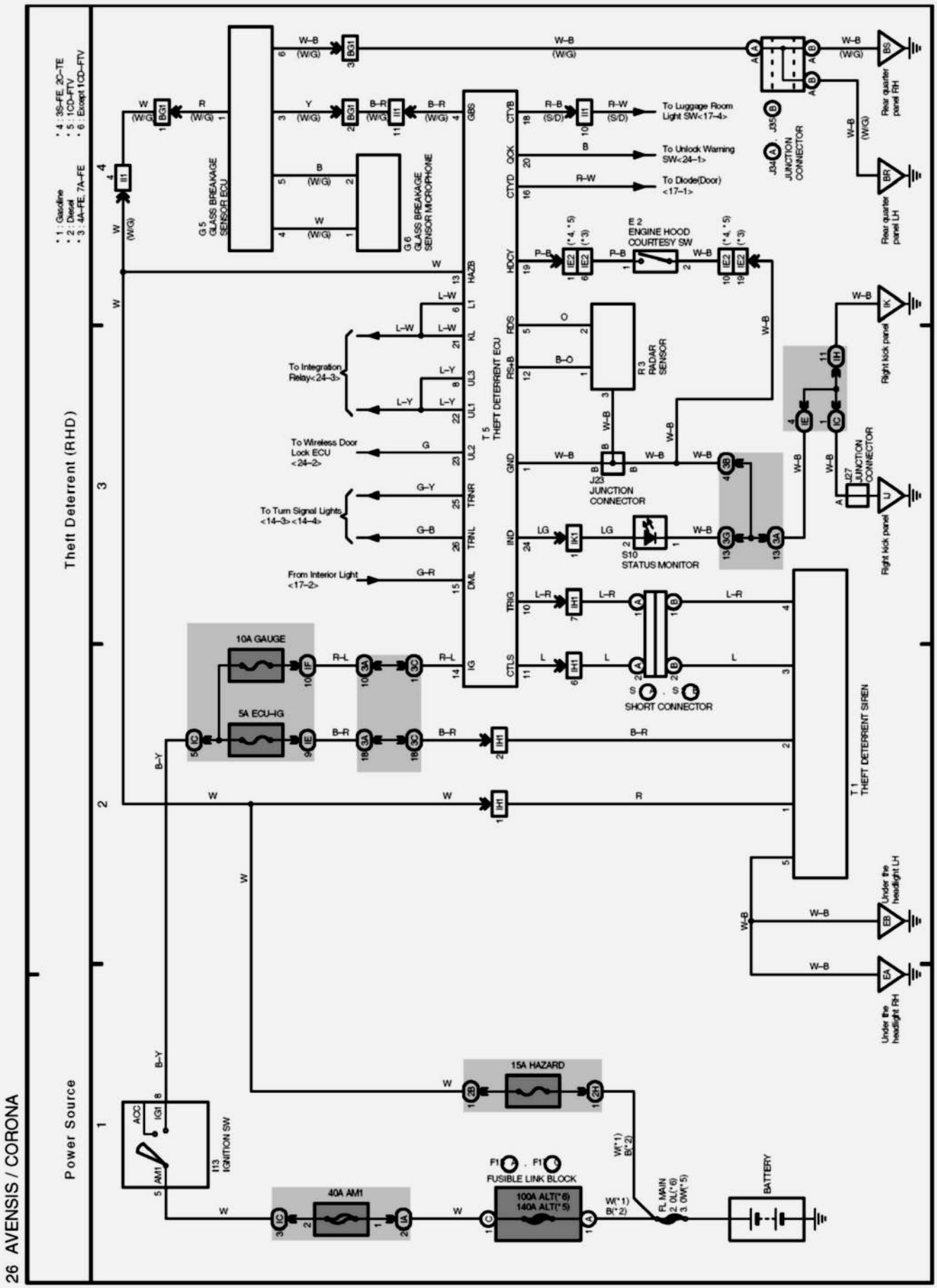
I OVERALL ELECTRICAL WIRING DIAGRAM



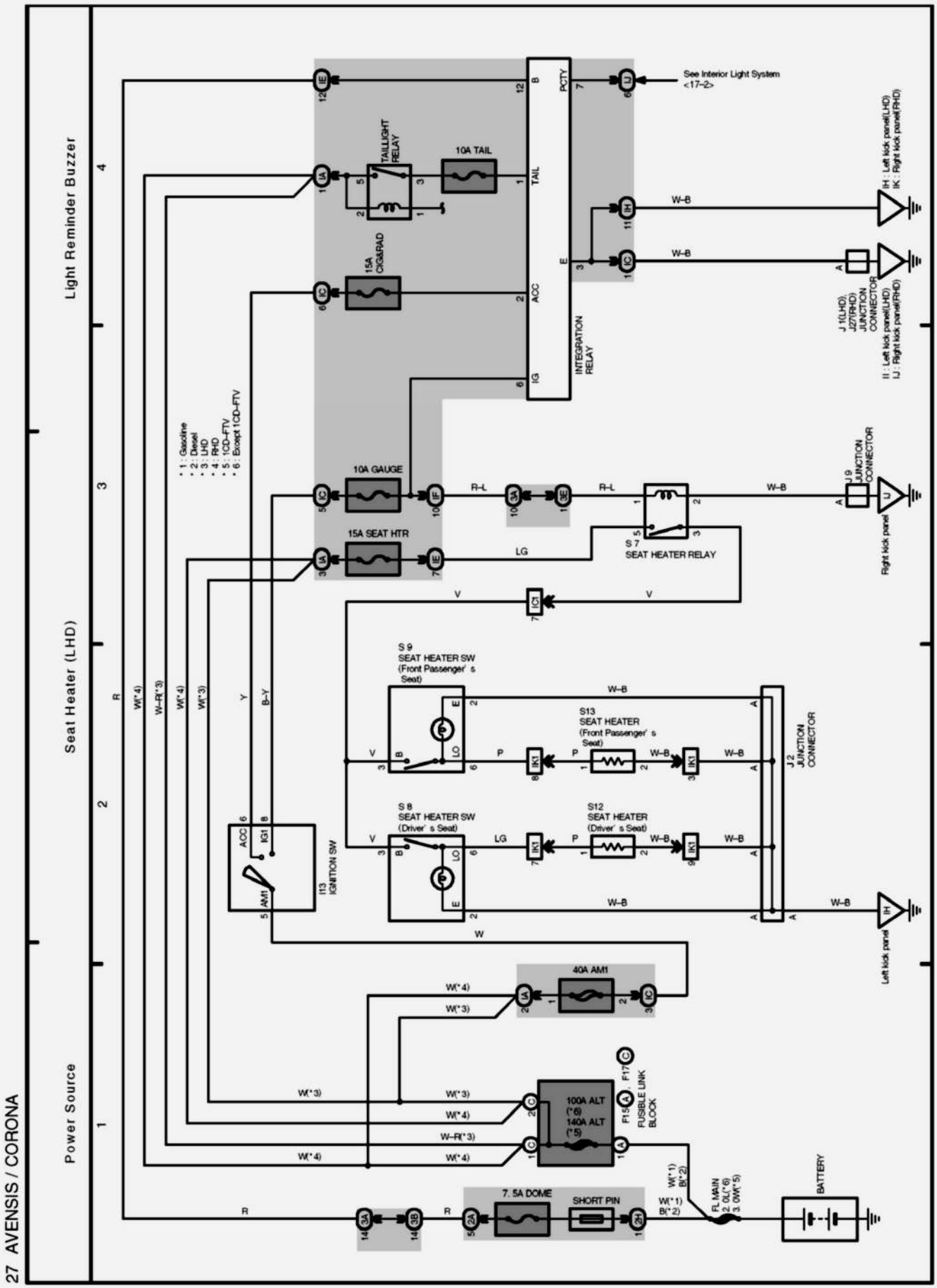

Door Lock Control
5
6
7
8
*4 : S/D
*5 : LJB
*6 : W/G
L–B(*4)
L–B(LHD *5)
L–B(RHD *5, *6)
L–B(LHD *6)
L–R(LHD *6)
L–R(RHD *5, *6)
L–R(LHD *5)
L–R(*4)
L–B
L–R
(RHD *5, *6)
(LHD *6)
(*5)
(*6)
BC1
BE2
BD2
BF2
B (*5, *6)
BACK DOOR
LOCK MOTOR
L (*4)
LUGGAGE COMPARTMENT
DOOR LOCK MOTOR
(*4)
D14(LHD)
DOOR LOCK MOTOR REAR LH
D15(RHD)
DOOR LOCK MOTOR REAR RH
D15(LHD)
DOOR LOCK MOTOR REAR RH
D14(RHD)
DOOR LOCK MOTOR REAR LH
BA1
BB1
IK1
IB1
LI1
(LHD)
(RHD)
(LHD)/(RHD)
A
B
C
D

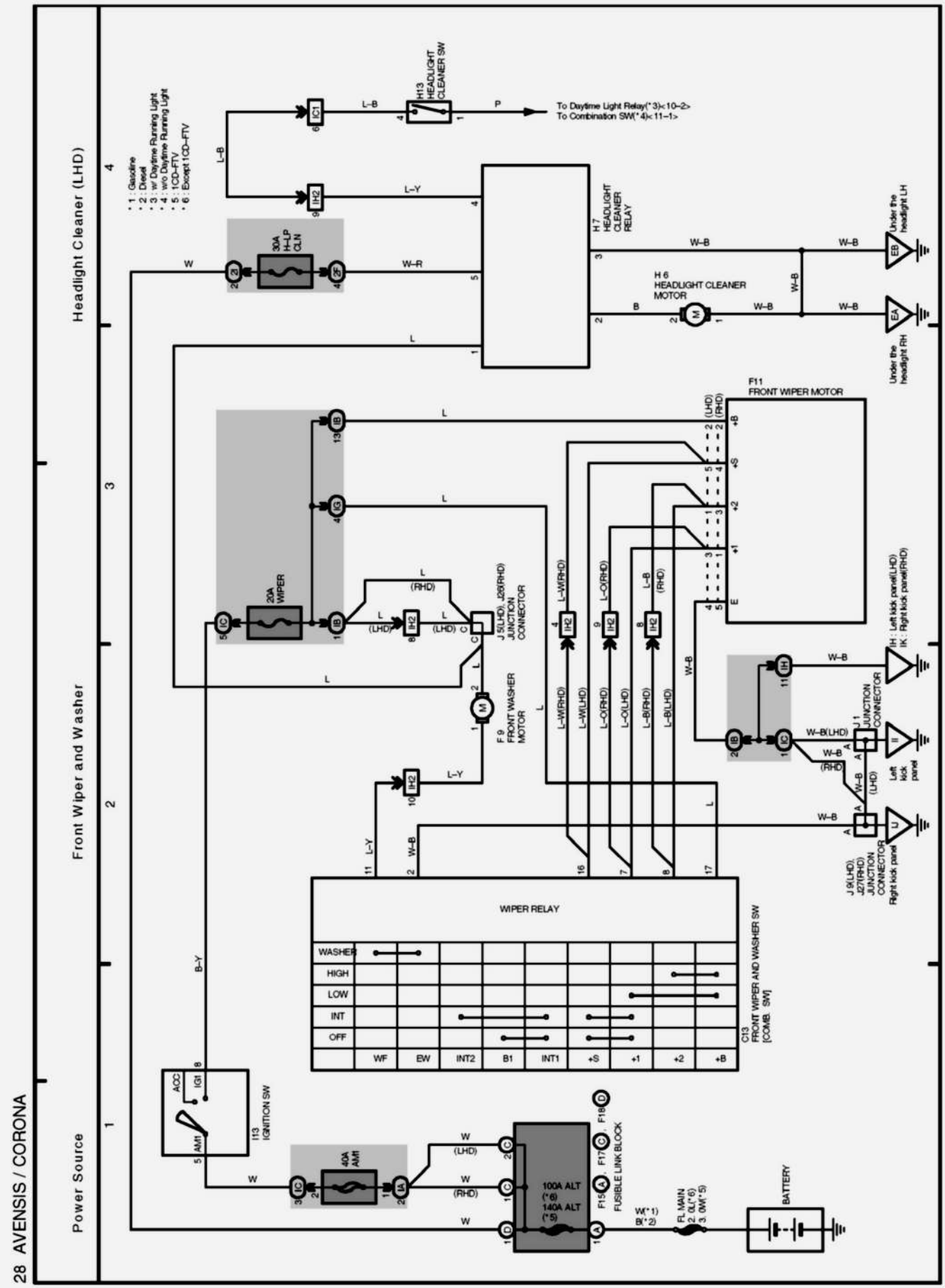
I OVERALL ELECTRICAL WIRING DIAGRAM



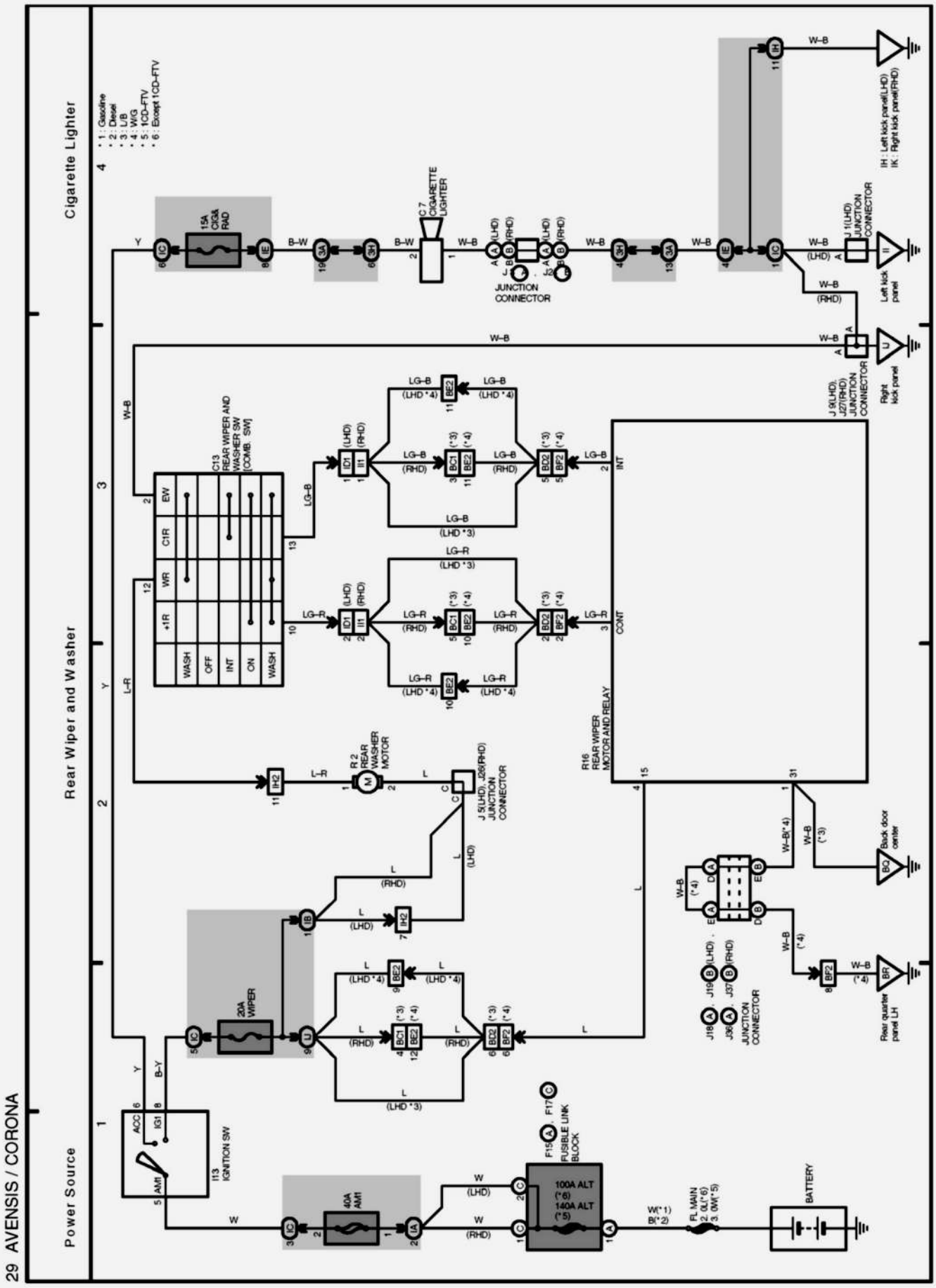

Theft Deterrent (RHD)
Power Source
*1 : Gasoline
*2 : Diesel
*3 : 4A-FE, 7A-FE
*4 : 3S-FE, 2C-TE
*5 : 1CD-FTV
*6 : Except 1CD-FTV
G5 GLASS BREAKAGE SENSOR ECU
G6 GLASS BREAKAGE SENSOR MICROPHONE
T5 THEFT DETERRENT ECU
R3 RADAR SENSOR
E2 ENGINE HOOD COURTESY SW
S10 STATUS MONITOR
J23 JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
J34 JUNCTION CONNECTOR
J35 JUNCTION CONNECTOR
T1 THEFT DETERRENT SIREN
I13 IGNITION SW
F1 FUSIBLE LINK BLOCK
SHORT CONNECTOR
10A GAUGE
5A ECU-IG
15A HAZARD
40A AM1
100A ALT(*6)
140A ALT(*5)
FL MAIN
BATTERY
To Luggage Room Light SW<17-4>
To Unlock Warning SW<24-1>
To Diode(Door) <17-1>
To Integration Relay<24-3>
To Wireless Door Lock ECU <24-2>
To Turn Signal Lights <14-3><14-4>
From Interior Light <17-2>
Rear quarter panel RH
Rear quarter panel LH
Right kick panel
Under the headlight LH
Under the headlight RH

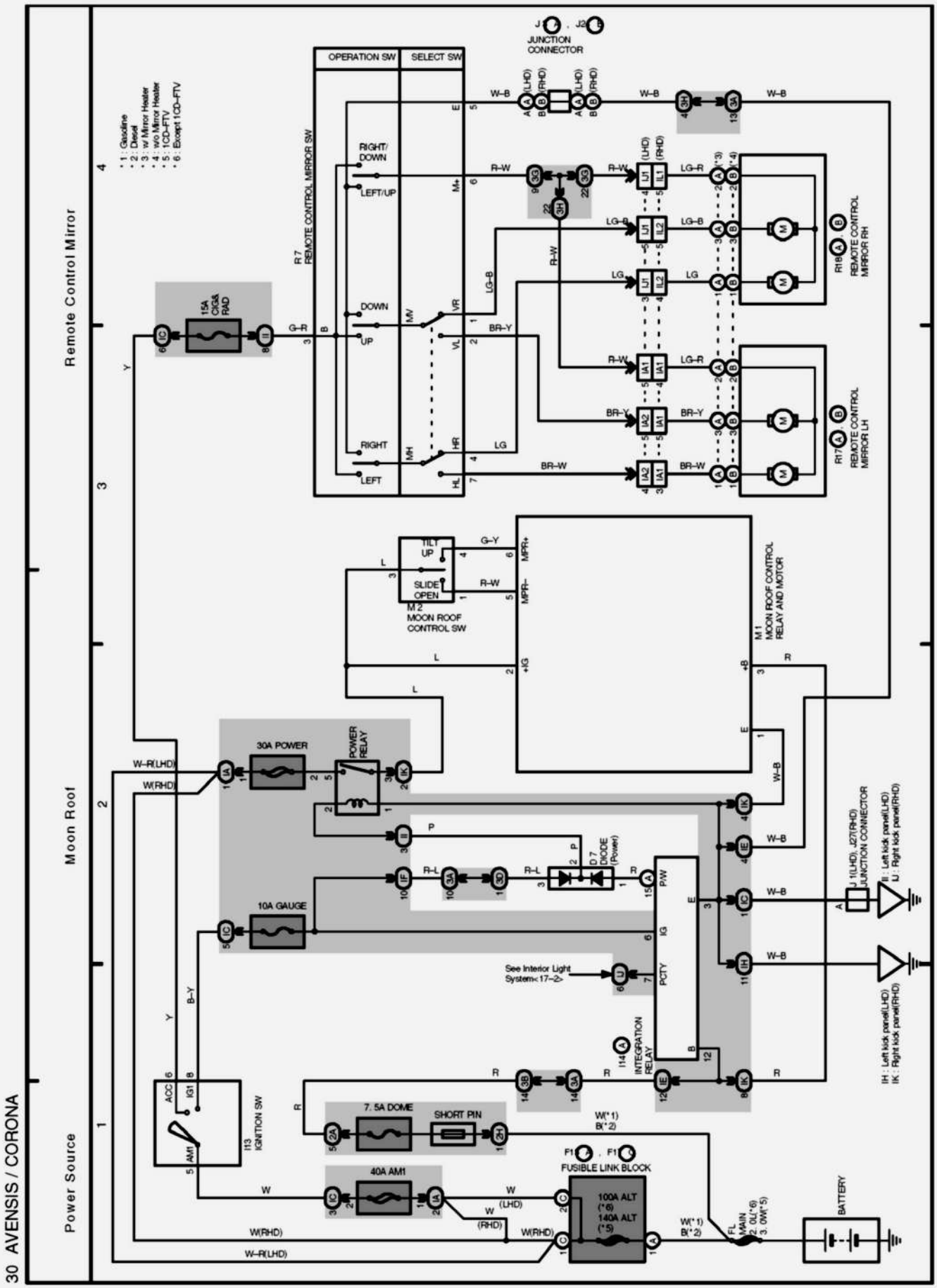
I OVERALL ELECTRICAL WIRING DIAGRAM

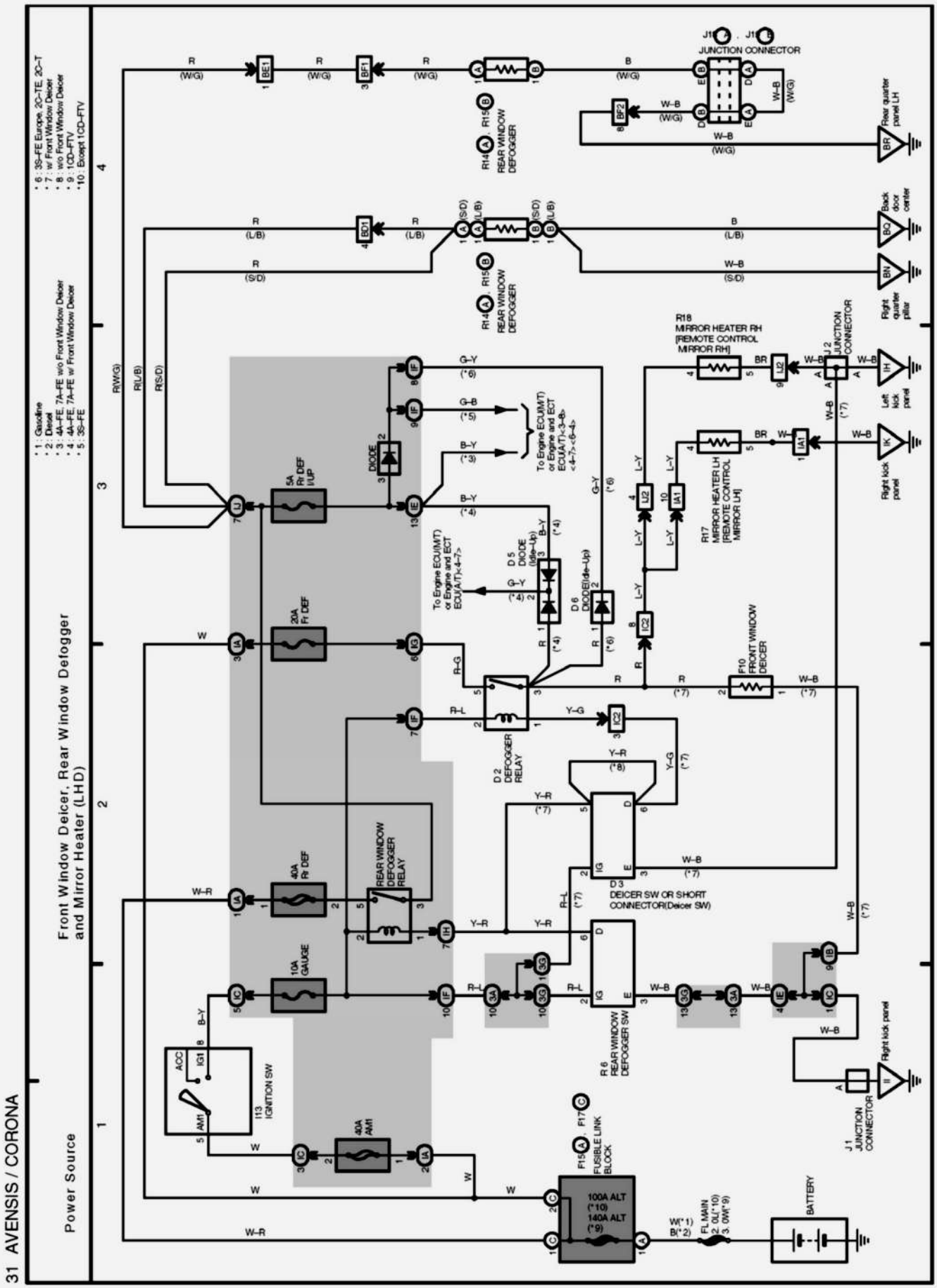


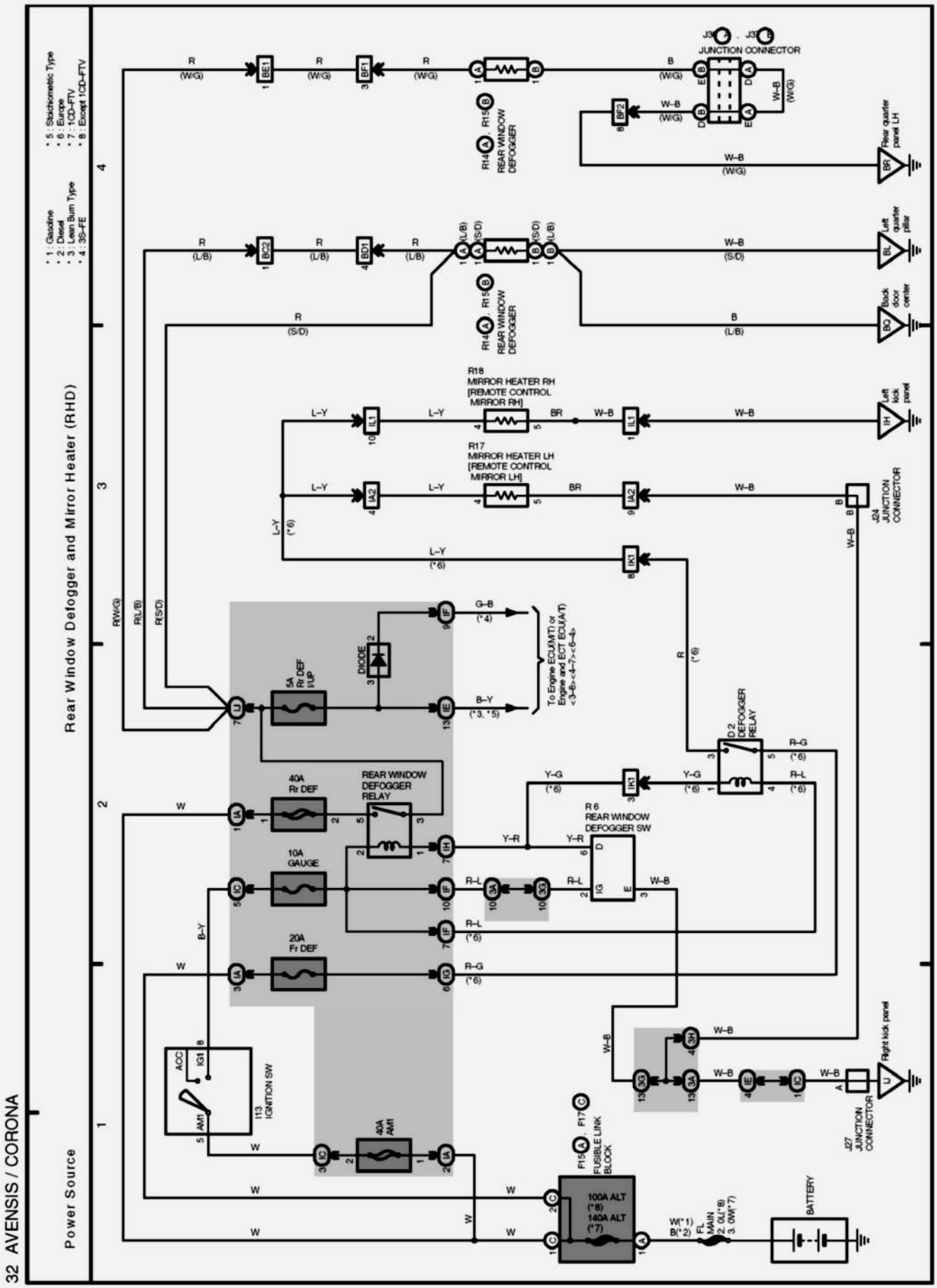

Power Source
Front Wiper and Washer
Headlight Cleaner (LHD)
1 2 3 4
* 1 : Gasoline
* 2 : Diesel
* 3 : w/ Daytime Running Light
* 4 : w/o Daytime Running Light
* 5 : 1CD-FTV
* 6 : Except 1CD-FTV
I13 IGNITION SW
ACC
IG1
AM1
40A AM1
100A ALT (*6)
140A ALT (*5)
FUSIBLE LINK BLOCK
F15 F17 F18
FL MAIN 2 (*1 *6) 3 (W(*5)
W(*1) B(*2)
BATTERY
WIPER RELAY
WASHER
HIGH
LOW
INT
OFF
WF EW INT2 B1 INT1 +S +1 +2 +B
C13 FRONT WIPER AND WASHER SW [COMB SW]
F9 FRONT WASHER MOTOR
J5(LHD), J26(RHD) JUNCTION CONNECTOR
20A WIPER
30A H-LP CLN
H7 HEADLIGHT CLEANER RELAY
H6 HEADLIGHT CLEANER MOTOR
H13 HEADLIGHT CLEANER SW
To Daytime Light Relay(*3)<10-2>
To Combination SW(*4)<11-1>
F11 FRONT WIPER MOTOR
J1 JUNCTION CONNECTOR
Left kick panel
J9(LHD), J27(RHD) JUNCTION CONNECTOR
Right kick panel
IH : Left kick panel(LHD)
IK : Right kick panel(RHD)
Under the headlight LH
Under the headlight RH

I OVERALL ELECTRICAL WIRING DIAGRAM

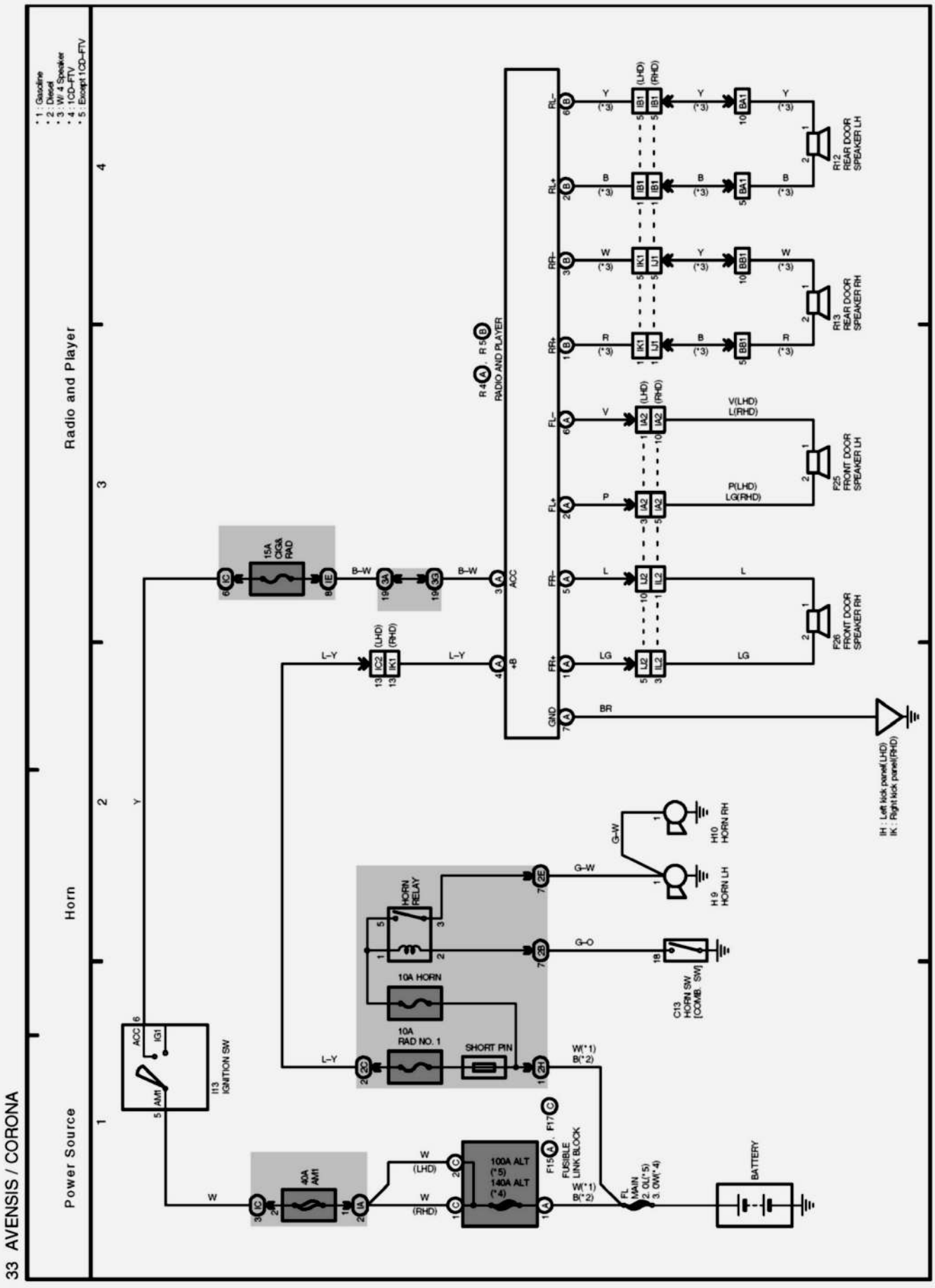



30 AVENSIS / CORONA
Power Source
Moon Roof
Remote Control Mirror
* 1 : Gasoline
* 2 : Diesel
* 3 : w/ Mirror Heater
* 4 : w/o Mirror Heater
* 5 : 1CD-FTV
* 6 : Except 1CD-FTV
OPERATION SW
SELECT SW
JUNCTION CONNECTOR
R7 REMOTE CONTROL MIRROR SW
RIGHT/DOWN
LEFT/UP
DOWN
UP
RIGHT
LEFT
15A CIG& RAD
REMOTE CONTROL MIRROR RH
REMOTE CONTROL MIRROR LH
TILT UP
SLIDE OPEN
M2 MOON ROOF CONTROL SW
M1 MOON ROOF CONTROL RELAY AND MOTOR
30A POWER
POWER RELAY
10A GAUGE
D7 DIODE (Power)
See Interior Light System<17-2>
INTEGRATION RELAY
I13 IGNITION SW
7.5A DOME
SHORT PIN
40A AM1
FUSIBLE LINK BLOCK
100A ALT (*6) 140A ALT (*5)
BATTERY
IH : Left kick panel(LHD) Right kick panel(RHD)
IK : Right kick panel(RHD)
IJ : Left kick panel(LHD)
IU : Right kick panel(RHD)

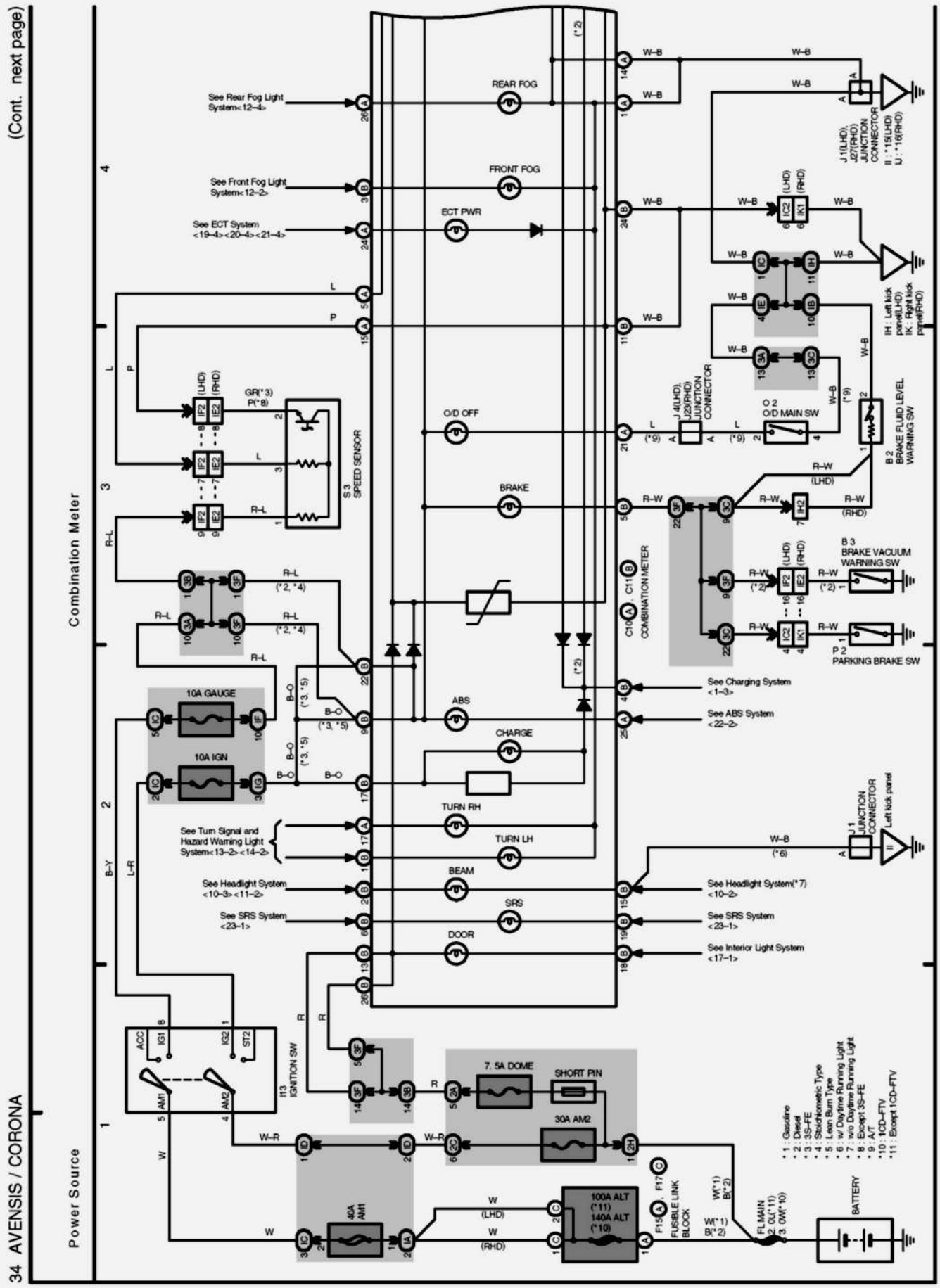

31 AVENSIS / CORONA
Power Source
Front Window Deicer, Rear Window Defogger and Mirror Heater (LHD)
*1 : Gasoline
*2 : Diesel
*3 : 4A–FE, 7A–FE w/o Front Window Deicer
*4 : 4A–FE, 7A–FE w/ Front Window Deicer
*5 : 3S–FE
*6 : 3S–FE Europe, 2C–TE, 2C–T
*7 : w/ Front Window Deicer
*8 : w/o Front Window Deicer
*9 : 1CD–FTV
*10 : Except 1CD–FTV
JUNCTION CONNECTOR
REAR WINDOW DEFOGGER
Rear quarter panel LH
Back door center
Right quarter pillar
R18 MIRROR HEATER RH [REMOTE CONTROL MIRROR RH]
J2 JUNCTION CONNECTOR
Left kick panel
Right kick panel
R17 MIRROR HEATER LH [REMOTE CONTROL MIRROR LH]
5A Rr DEF I/UP
20A Fr DEF
40A Rr DEF
10A GAUGE
40A AM1
DIODE
D5 DIODE (Idle–Up)
D6 DIODE(Idle–Up)
To Engine ECU(MT) or Engine and ECT ECU(A/T)<4–7>
To Engine ECU(MT) or Engine and ECT ECU(A/T)<3–6><4–7><6–4>
D2 DEFOGGER RELAY
REAR WINDOW DEFOGGER RELAY
F10 FRONT WINDOW DEICER
D3 DEICER SW OR SHORT CONNECTOR(Deicer SW)
R6 REAR WINDOW DEFOGGER SW
113 IGNITION SW
ACC
IG1
AM1
F15 F17 FUSIBLE LINK BLOCK
100A ALT (*10)
140A ALT (*9)
FL MAIN 2. 0L(*10) 3. 0M(*9)
BATTERY
J1 JUNCTION CONNECTOR

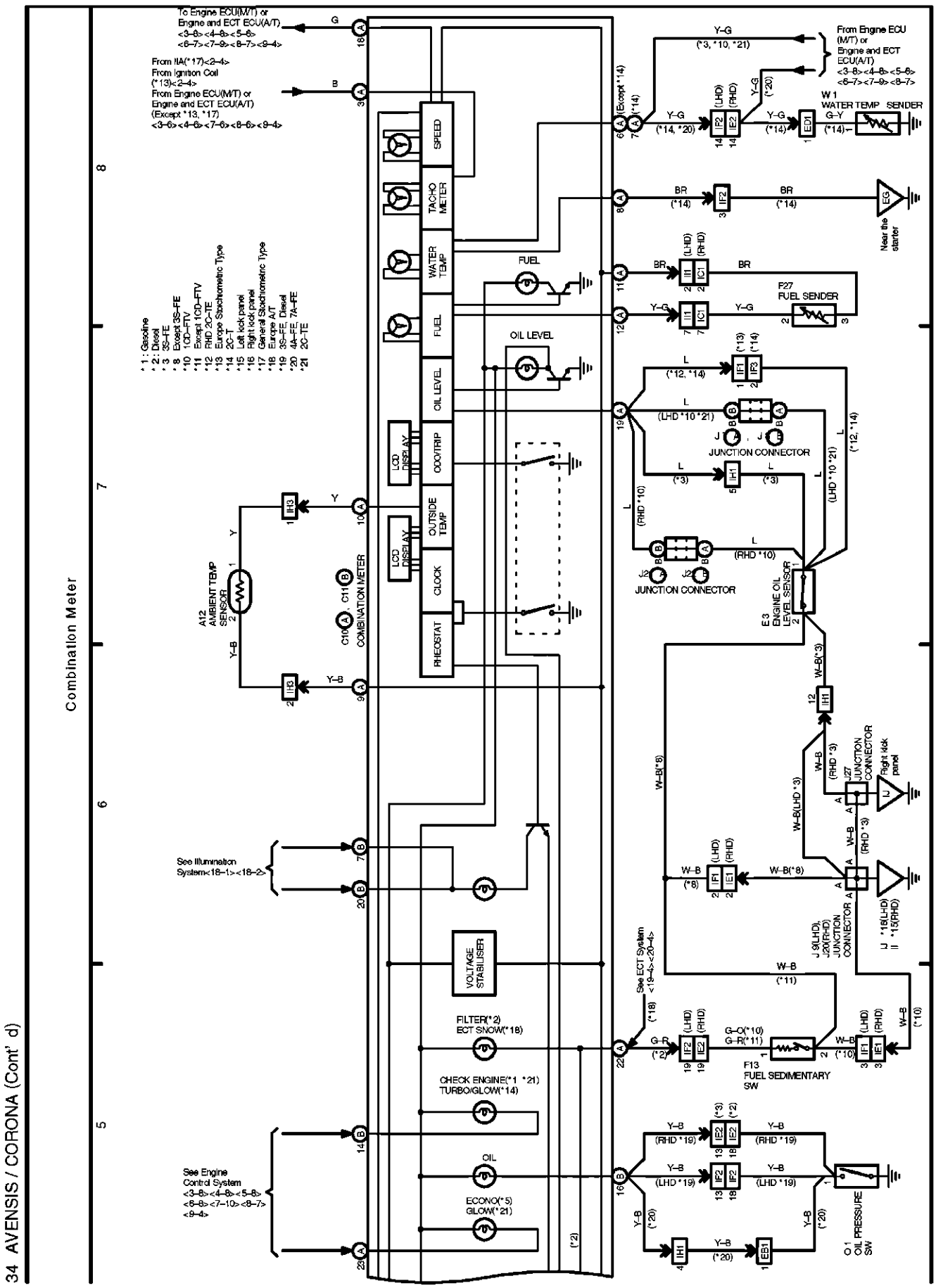

32 AVENSIS / CORONA
Power Source
Rear Window Defogger and Mirror Heater (RHD)
*1 : Gasoline
*2 : Diesel
*3 : Lean Burn Type
*4 : 3S-FE
*5 : Stoichiometric Type
*6 : Europe
*7 : 1CD-FTV
*8 : Except 1CD-FTV
JUNCTION CONNECTOR
REAR WINDOW DEFOGGER
Rear quarter panel LH
Left quarter pillar
Back door center
R18
MIRROR HEATER RH
[REMOTE CONTROL MIRROR RH]
R17
MIRROR HEATER LH
[REMOTE CONTROL MIRROR LH]
Left kick panel
J24 JUNCTION CONNECTOR
DIODE
5A Rr DEF I/UP
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3-8>,<4-7>,<6-4>
D2 DEFOGGER RELAY
40A Rr DEF
REAR WINDOW DEFOGGER RELAY
R6 REAR WINDOW DEFOGGER SW
10A GAUGE
20A Fr DEF
ACC
IG1
AM1
113 IGNITION SW
40A AM1
F15 F17 FUSIBLE LINK BLOCK
100A ALT (*8)
140A ALT (*7)
W(*1) B(*2) FL MAIN 2. 0U(*6) 3. 0W(*7)
BATTERY
Right kick panel
J27 JUNCTION CONNECTOR

I OVERALL ELECTRICAL WIRING DIAGRAM

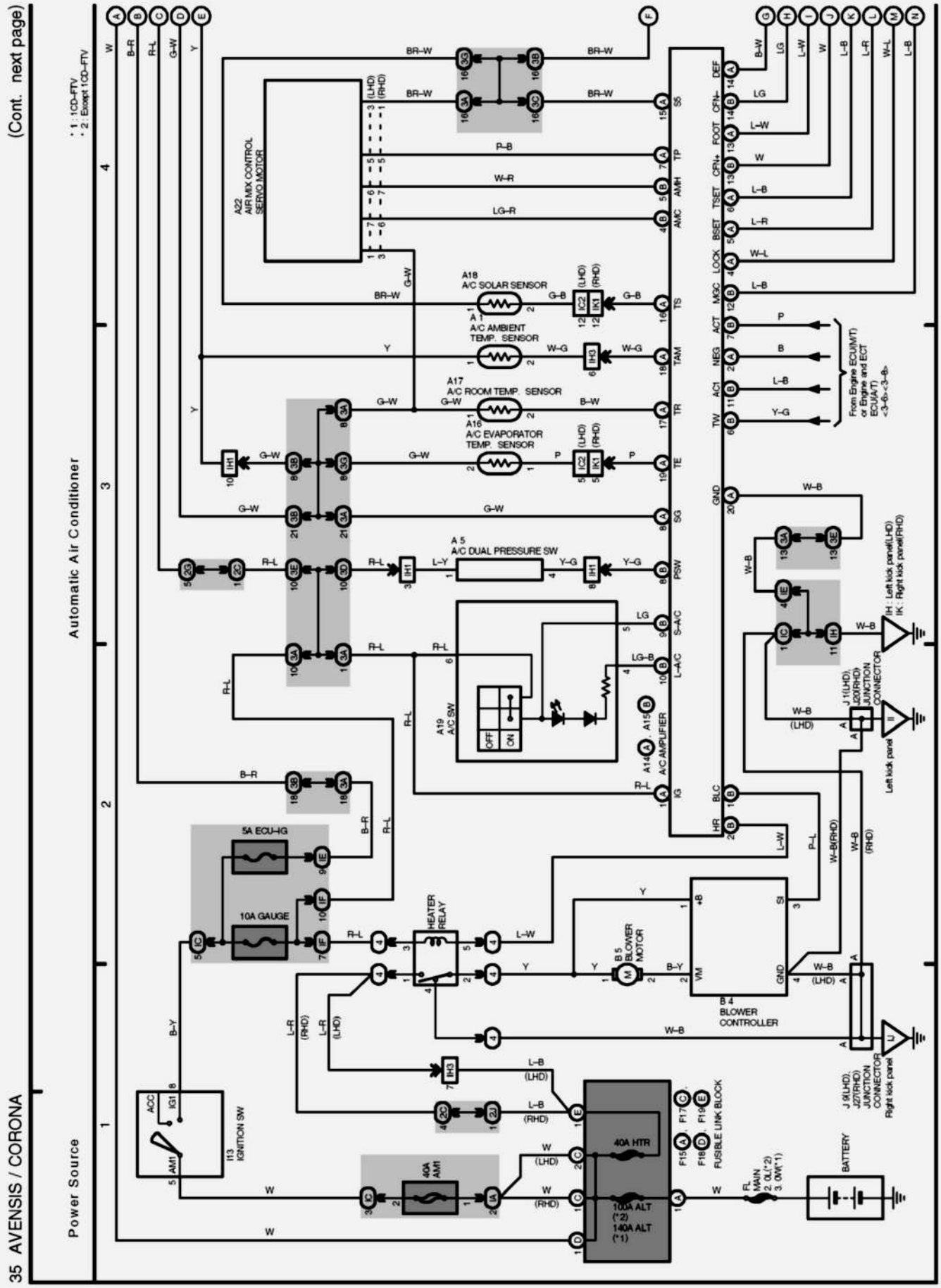


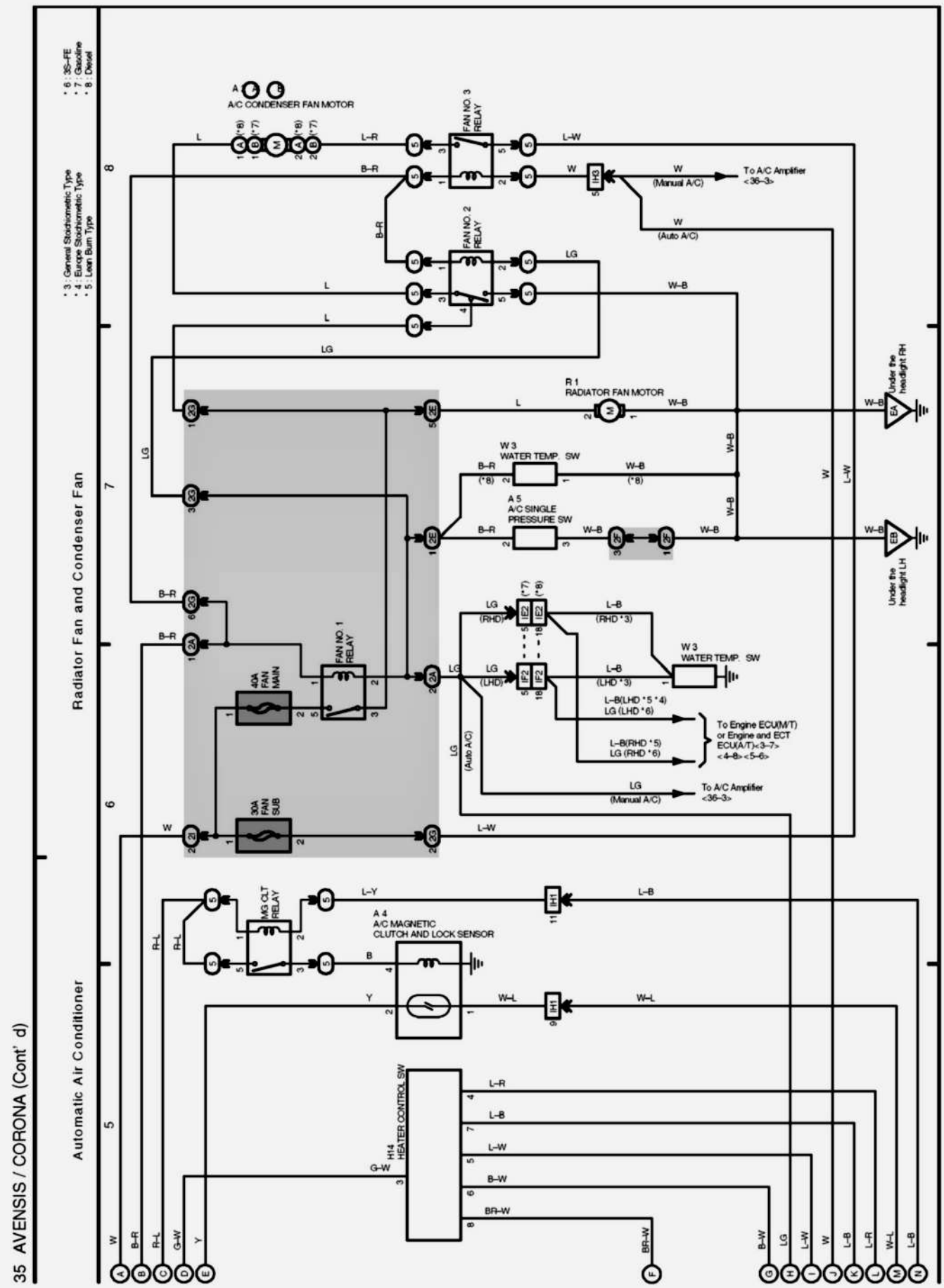
I OVERALL ELECTRICAL WIRING DIAGRAM



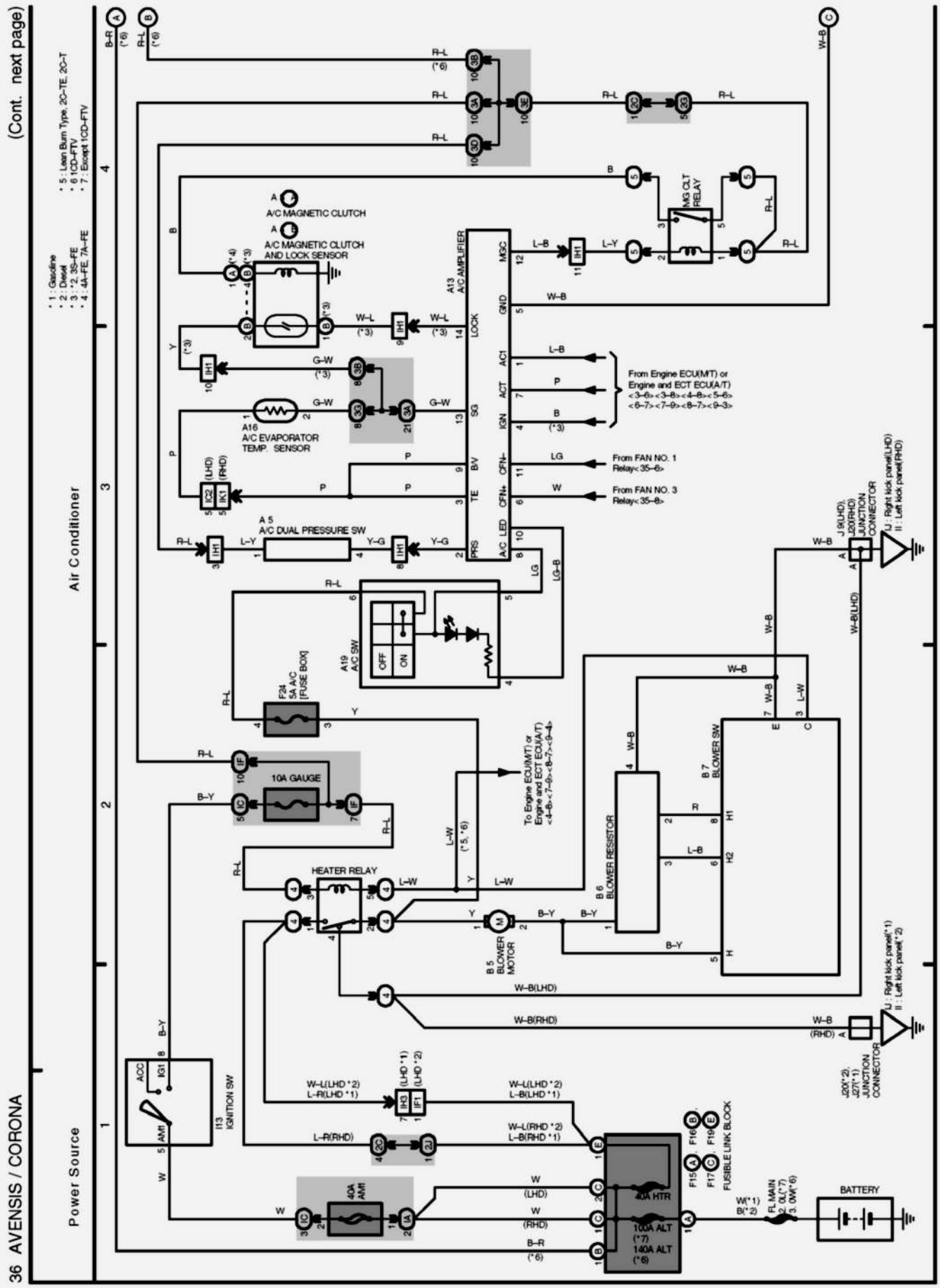

Combination Meter
To Engine ECU(M/T) or Engine and ECT ECU(A/T) <3–8><4–8><5–8><6–7><7–9><8–7><9–4>
From IIA(*17)<2–4>
From Ignition Coil (*13)<2–4>
From Engine ECU(M/T) or Engine and ECT ECU(A/T) (Except *13, *17) <3–6><4–6><7–6><8–6><9–4>
*1 : Gasoline
*2 : Diesel
*3 : 3S–FE
Except 3S–FE
*8
*10 : 1CD–FTV
Except 1CD–FTV
*11 : Except 1CD–FTV
RHD 2C–TE
*12 : Europe Stoichiometric Type
*13 : Except 1CD–FTV
*14 : 2C–T
*15 : Left kick panel
*16 : Right kick panel
*17 : General Stoichiometric Type
*18 : Europe A/T
*19 : 3S–FE, Diesel
*20 : 4A–FE, 7A–FE
*21 : 2C–TE
SPEED
TACHO METER
WATER TEMP
FUEL
OIL LEVEL
ODO/TRIP
OUTSIDE TEMP
CLOCK
RHEOSTAT
LCD DISPLAY
LCD DISPLAY
A12 AMBIENT TEMP SENSOR
C10, C11 COMBINATION METER
See Illumination System<18–1><18–2>
See Engine Control System <3–8><4–8><5–8><6–8><7–10><8–7><9–4>
VOLTAGE STABILISER
FILTER(*2) ECT SNOW(*18)
CHECK ENGINE(*1 *21) TURBO/GLOW(*14)
OIL
ECONO(*5) GLOW(*21)
FUEL
OIL LEVEL
From Engine ECU (M/T) or Engine and ECT ECU(A/T) <3–8><4–8><5–8><6–7><7–9><8–7>
W1 WATER TEMP SENDER
Near the starter
F27 FUEL SENDER
JUNCTION CONNECTOR
JUNCTION CONNECTOR
E3 ENGINE OIL LEVEL SENSOR
J27 JUNCTION CONNECTOR Right kick panel
J 9(LHD), J20(RHD) JUNCTION CONNECTOR
J *16(LHD) I *15(RHD)
See ECT System <19–4><20–4>
F13 FUEL SEDIMENTARY SW
O1 OIL PRESSURE SW

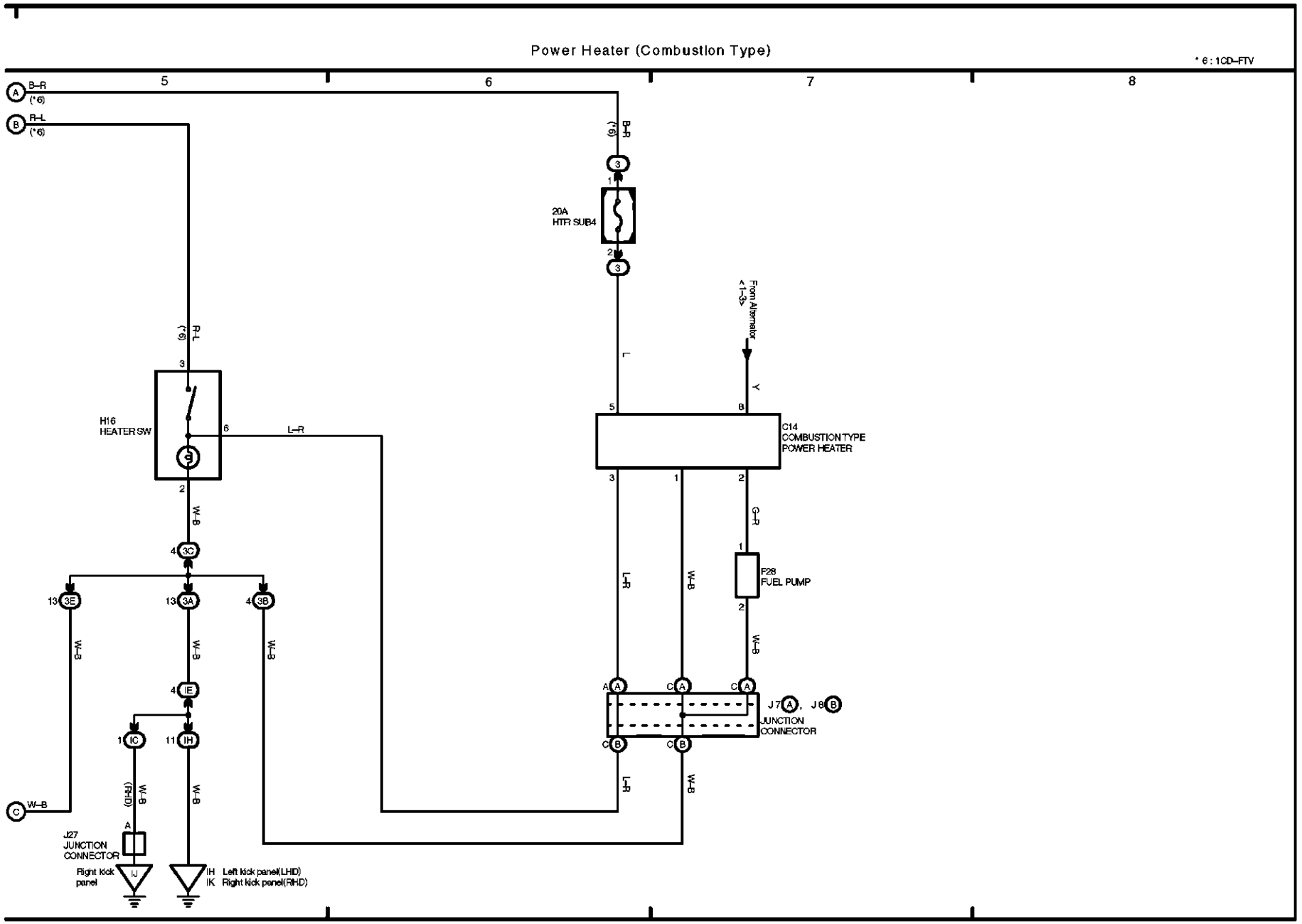
I OVERALL ELECTRICAL WIRING DIAGRAM




Automatic Air Conditioner
Radiator Fan and Condenser Fan
A/C CONDENSER FAN MOTOR
FAN NO. 3 RELAY
FAN NO. 2 RELAY
FAN NO. 1 RELAY
R1 RADIATOR FAN MOTOR
W3 WATER TEMP. SW
A5 A/C SINGLE PRESSURE SW
A4 A/C MAGNETIC CLUTCH AND LOCK SENSOR
MG CLT RELAY
40A FAN MAIN
30A FAN SUB
H14 HEATER CONTROL SW
To A/C Amplifier <36-3>
To Engine ECU(M/T) or Engine and ECT ECU(A/T)<3-7> <4-8> <5-6>
To A/C Amplifier <36-3>
Under the headlight RH
Under the headlight LH
* 3 : General Stoichiometric Type
* 4 : Europe Stoichiometric Type
* 5 : Lean Burn Type
* 6 : 3S-FE
* 7 : Gasoline
* 8 : Diesel

I OVERALL ELECTRICAL WIRING DIAGRAM




Power Heater (Combustion Type)
* 6 : 1CD-FTV
5
6
7
8
B-R (*6)
R-L (*6)
20A HTR SUB4
From Alternator <1-3>
H16 HEATER SW
L-R
W-B
C14 COMBUSTION TYPE POWER HEATER
G-R
F28 FUEL PUMP
L-R
W-B
J7, J8 JUNCTION CONNECTOR
J27 JUNCTION CONNECTOR
Right kick panel
IH Left kick panel(LHD)
IK Right kick panel(RHD)